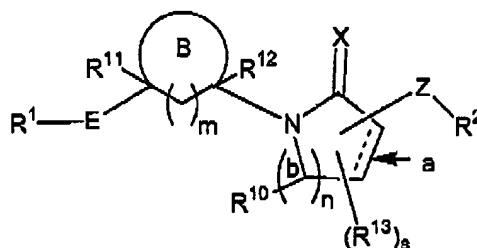


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1. (CURRENTLY AMENDED) A compound of formula (I):



(I)

or a stereoisomer or a pharmaceutically acceptable salt thereof, wherein:

ring B is a cyclohexyl group ~~a cycloalkyl group of 3 to 8 carbon atoms wherein the cycloalkyl group is saturated or partially unsaturated; or a heterocycle of 3 to 7 atoms wherein the heterocycle is saturated or partially unsaturated, the heterocycle containing a heteroatom selected from O, S, S(=O), S(=O)₂, and N(R⁴), the heterocycle optionally containing a C(=O); ring B being substituted with 0-2 R⁵;~~

X is selected from O or S;

Z is ~~-NR⁹-; selected from a bond, NR⁸C(O), NR⁸C(S), NR⁸C(O)NH, NR⁸C(S)NH, NR⁸SO₂, NR⁸SO₂NH, C(O)NR⁸, OC(O)NR⁸, NR⁸C(O)O, (CR¹⁵R¹⁵)₁, CR¹⁴-CR¹⁴, CR¹⁵R¹⁵C(O), C(O)CR¹⁵R¹⁵, CR¹⁵R¹⁵C(=N OR¹⁶), O-CR¹⁴R¹⁴, CR¹⁴R¹⁴-O, O, NR⁹, NR⁹-CR¹⁴R¹⁴, CR¹⁴R¹⁴-NR⁹, S(O)_p, S(O)_p-CR¹⁴R¹⁴, CR¹⁴R¹⁴-S(O)_p, and S(O)_p-NR⁹;~~

wherein neither Z nor R¹³ are connected to a carbon atom labeled (b);

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bond (a) is a single ~~or double~~ bond;

~~alternatively, when n is equal to 2, two atoms labeled (b) may
join through a double bond;~~

E is selected from $-S(O)_pCHRe-$, $-CHReNRe-$, $-C(O)-NRe-$,
 $-NReC(O)NRe-$, $-SO_2-NRe-$, and $-NReSO_2NRe-$;

R^e is independently selected from H and C_{1-3} alkyl;

R^1 is selected from a C_{6-10} aryl group substituted with 0-5 R^6 ~~and
a 5-10 membered heteroaryl system containing 1-4 heteroatoms
selected from N, O, and S, substituted with 0-3 R^6 ;~~

R^2 is selected from a ~~C_{6-10} aryl group substituted with 0-5 R^7 and
a 5-10 membered heteroaryl system containing 1-4 heteroatoms
selected from N, O, and S, substituted with 0-3 R^7 ;~~

~~R^4 is selected from H, C_{2-6} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl,
(CRR) $_t$ OH, (CRR) $_t$ SH, (CRR) $_t$ OR 4a , (CRR) $_t$ SR 4a , (CRR) $_t$ NR 4a R 4a ,
(CRR) $_t$ C(O)OH, (CRR) $_t$ C(O)R 4b , (CRR) $_t$ C(O)NR 4a R 4a ,
(CRR) $_t$ OC(O)NR 4a R 4a , (CRR) $_t$ NR 4a C(O)OR 4a , (CRR) $_t$ NR 4a C(O)R 4b ,
(CRR) $_t$ C(O)OR 4a , (CRR) $_t$ OC(O)R 4b , (CRR) $_t$ S(O) $_p$ R 4b ,
(CRR) $_t$ C(O) $_2$ NR 4a R 4a , (CRR) $_t$ NR 4a S(O) $_2$ R 4b , C_{1-6} haloalkyl, a
(CRR) $_t$ C_{3-10} carbocyclic residue substituted with 0-3 R^{4e} , and
a (CHR) $_x$ 4-10 membered heterocyclic system containing 1-4
heteroatoms selected from N, O, and S, substituted with 0-2
 R^{4e} .~~

~~R^{4a} , at each occurrence, is independently selected from H, methyl
substituted with 0-1 R^{4e} , C_{2-6} alkyl substituted with 0-3 R^{4e} ,~~

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~~C₃₋₈ alkenyl substituted with 0-3 R^{4e}, C₃₋₈ alkynyl substituted with 0-3 R^{4e}, a (CH₂)_x-C₃₋₁₀ carbocyclic residue substituted with 0-4 R^{4e}, and a (CHR)_x-4-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{4e},~~

~~R^{4b}, at each occurrence, is selected from H, C₁₋₆ alkyl substituted with 0-3 R^{4e}, C₃₋₈ alkenyl substituted with 0-3 R^{4e}, C₃₋₈ alkynyl substituted with 0-3 R^{4e}, a (CH₂)_x-C₃₋₆ carbocyclic residue substituted with 0-2 R^{4e}, and a (CHR)_x-4-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{4e},~~

~~R^{4e} is independently selected from C(O)R^{4b}, C(O)OR^{4d}, C(O)NR^{4f}R^{4f}, and (CH₂)_xphenyl,~~

~~R^{4d}, at each occurrence, is selected from methyl, CF₃, C₂₋₆ alkyl substituted with 0-3 R^{4e}, C₃₋₈ alkenyl substituted with 0-3 R^{4e}, C₃₋₈ alkynyl substituted with 0-3 R^{4e}, and a C₃₋₁₀ carbocyclic residue substituted with 0-3 R^{4e},~~

~~R^{4e}, at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_x-C₃₋₆ cycloalkyl, Cl, F, Br, I, CN, NO₂, (CF₃)_xCF₃, (CH₂)_xOC₁₋₅ alkyl, OH, SH, (CH₂)_xSC₁₋₅ alkyl, (CH₂)_xNR^{4f}R^{4f}, C(O)R⁴ⁱ, C(O)OR^{4j}, C(O)NR^{4h}R^{4h}, OC(O)NR^{4h}R^{4h}, NR^{4h}C(O)NR^{4h}R^{4h}, NR^{4h}C(O)OR^{4j}, and (CH₂)_xphenyl,~~

~~R^{4f}, at each occurrence, is selected from H, C₁₋₆ alkyl, C₃₋₆ cycloalkyl, and phenyl,~~

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~~R^{4b}, at each occurrence, is independently selected from H, C₁₋₆ alkyl, C₃₋₈ alkenyl, C₃₋₈ alkynyl, and a (CH₂)_x-C₃₋₁₀ carbocyclic,~~

~~R^{4c}, at each occurrence, is selected from H, C₁₋₆ alkyl, C₃₋₈ alkenyl, C₃₋₈ alkynyl, and a (CH₂)_x-C₃₋₆ carbocyclic residue,~~

~~R^{4d}, at each occurrence, is selected from CF₃, C₁₋₆ alkyl, C₃₋₈ alkenyl, C₃₋₈ alkynyl, and a C₃₋₁₀ carbocyclic residue,~~

R⁵, at each occurrence, is independently selected from H, =O, C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CRR)_rOH, (CRR)_rSH, (CRR)_rOR^{5d}, (CRR)_rSR^{5d}, (CRR)_rNR^{5a}R^{5a}, (CRR)_rN(→O)R^{5a}R^{5a}, N₃, (CRR)_rC(O)OH, (CRR)_rC(O)R^{5b}, (CRR)_rC(O)NR^{5a}R^{5a}, (CRR)_rNR^{5a}C(O)R^{5b}, (CRR)_rOC(O)NR^{5a}R^{5a}, (CRR)_rNR^{5a}C(O)OR^{5d}, (CRR)_rNR^{5a}C(O)NR^{5a}R^{5a}, (CRR)_rNR^{5a}C(O)H, (CRR)_rC(O)OR^{5d}, (CRR)_rOC(O)R^{5b}, (CRR)_rS(O)_pR^{5b}, (CRR)_rS(O)₂NR^{5a}R^{5a}, (CRR)_rNR^{5a}S(O)₂R^{5b}, (CRR)_rNR^{5a}S(O)₂NR^{5a}R^{5a}, C₁₋₆ haloalkyl, a (CRR)_r-C₃₋₁₀ carbocyclic residue substituted with 0-3 R^{5c}, and a (CRR)_r-5-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{5c};

R^{5a}, at each occurrence, is independently selected from H, methyl substituted with 0-1 R^{5g}, C₂₋₆ alkyl substituted with 0-2 R^{5e}, C₃₋₈ alkenyl substituted with 0-2 R^{5e}, C₃₋₈ alkynyl substituted with 0-2 R^{5e}, a (CH₂)_r-C₃₋₁₀ carbocyclic residue substituted with 0-5 R^{5e}, and a (CH₂)_r-5-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{5e};

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R^{5b}, at each occurrence, is selected from C₁₋₆ alkyl substituted with 0-3 R^{5e}, C₃₋₈ alkenyl substituted with 0-2 R^{5e}, C₃₋₈ alkynyl substituted with 0-2 R^{5e}, a (CH₂)_r-C₃₋₆ carbocyclic residue substituted with 0-2 R^{5e}, and a (CH₂)_r-5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{5e};

R^{5c}, at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_r-C₃₋₆ cycloalkyl, Cl, Br, I, F, (CF₂)_rCF₃, NO₂, CN, (CH₂)_rNR^{5f}R^{5f}, (CH₂)_rOH, (CH₂)_rOC₁₋₄ alkyl, (CH₂)_rSC₁₋₄ alkyl, (CH₂)_rC(O)OH, (CH₂)_rC(O)R^{5b}, (CH₂)_rC(O)NR^{5f}R^{5f}, (CH₂)_rOC(O)NR^{5f}R^{5f}, (CH₂)_rNR^{5f}C(O)R^{5b}, (CH₂)_rC(O)OC₁₋₄ alkyl, (CH₂)_rNR^{5f}C(O)OC₁₋₄ alkyl, (CH₂)_rOC(O)R^{5b}, (CH₂)_rC(=NR^{5f})NR^{5f}R^{5f}, (CH₂)_rS(O)_pR^{5b}, (CH₂)_rNHC(=NR^{5f})NR^{5f}R^{5f}, (CH₂)_rS(O)₂NR^{5f}R^{5f}, (CH₂)_rNR^{5f}S(O)₂R^{5b}, and (CH₂)_rphenyl substituted with 0-3 R^{5e};

R^{5d}, at each occurrence, is selected from methyl, CF₃, C₂₋₆ alkyl substituted with 0-2 R^{5e}, C₃₋₈ alkenyl substituted with 0-2 R^{5e}, C₃₋₈ alkynyl substituted with 0-2 R^{5e}, and a C₃₋₁₀ carbocyclic residue substituted with 0-3 R^{5e};

R^{5e}, at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₆ cycloalkyl, Cl, F, Br, I, CN, NO₂, (CF₂)_rCF₃, (CH₂)_rOC₁₋₅ alkyl, OH, SH, (CH₂)_rSC₁₋₅ alkyl, (CH₂)_rNR^{5f}R^{5f}, and (CH₂)_rphenyl;

R^{5f}, at each occurrence, is selected from H, C₁₋₆ alkyl, and C₃₋₆ cycloalkyl;

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R^{5g} is independently selected from -C(O)R^{5b}, -C(O)OR^{5d},
-C(O)NR^{5f}R^{5f}, -CN, and (CH₂)_rphenyl;

R, at each occurrence, is selected from H, C₁₋₆ alkyl substituted
with R^{5e}, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_rC₃₋₆ cycloalkyl,
and (CH₂)_rphenyl substituted with R^{5e};

R⁶, at each occurrence, is selected from C₁₋₈ alkyl, C₂₋₈ alkenyl,
C₂₋₈ alkynyl, (CH₂)_rC₃₋₆ cycloalkyl, Cl, Br, I, F, NO₂, CN,
(CR'R')_rNR^{6a}R^{6a}, (CR'R')_rOH, (CR'R')_rO(CR'R')_rR^{6d}, (CR'R')_rSH,
(CR'R')_rC(O)H, (CR'R')_rS(CR'R')_rR^{6d}, (CR'R')_rSC(O)(CR'R')_rR^{6b},
(CR'R')_rC(O)OH, (CR'R')_rC(O)(CR'R')_rR^{6b}, (CR'R')_rNR^{6a}R^{6a},
(CR'R')_rC(O)NR^{6a}R^{6a}, (CR'R')_rNR^{6f}C(O)(CR'R')_rR^{6b},
(CR'R')_rC(O)O(CR'R')_rR^{6d}, (CR'R')_rOC(O)(CR'R')_rR^{6b},
(CR'R')_rOC(O)NR^{6a}(CR'R')_rR^{6d}, (CR'R')_rNR^{6a}C(O)NR^{6a}(CR'R')_rR^{6d},
(CR'R')_rNR^{6a}C(S)NR^{6a}(CR'R')_rR^{6d}, (CR'R')_rNR^{6f}C(O)O(CR'R')_rR^{6b},
(CR'R')_rC(=NR^{6f})NR^{6a}R^{6a}, (CR'R')_rNHC(=NR^{6f})NR^{6f}R^{6f},
(CR'R')_rS(O)_p(CR'R')_rR^{6b}, (CR'R')_rS(O)₂NR^{6a}R^{6a},
(CR'R')_rNR^{6f}S(O)₂NR^{6a}R^{6a}, (CR'R')_rNR^{6f}S(O)₂(CR'R')_rR^{6b}, C₁₋₆
haloalkyl, C₂₋₈ alkenyl substituted with 0-3 R', C₂₋₈ alkynyl
substituted with 0-3 R', (CR'R')_rphenyl substituted with 0-3
R^{6e}, and a (CH₂)_{r-5-6} membered heterocyclic system containing
1-2 heteroatoms selected from N, O, and S, substituted with
0-2 R^{6e};

alternatively, two R⁶ on adjacent atoms on R¹ may join to form a
cyclic acetal;

R^{6a}, at each occurrence, is selected from H, methyl substituted
with 0-1 R^{6g}, C₂₋₆ alkyl substituted with 0-2 R^{6e}, C₃₋₈
alkenyl substituted with 0-2 R^{6e}, C₃₋₈ alkynyl substituted

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with 0-2 R^{6e} , a $(CH_2)_r$ -C₃₋₁₀ carbocyclic residue substituted with 0-5 R^{6e} , and a $(CH_2)_r$ -5-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{6e} ;

R^{6b} , at each occurrence, is selected from H, C₁₋₆ alkyl substituted with 0-2 R^{6e} , C₃₋₈ alkenyl substituted with 0-2 R^{6e} , C₃₋₈ alkynyl substituted with 0-2 R^{6e} , a $(CH_2)_r$ -C₃₋₆ carbocyclic residue substituted with 0-3 R^{6e} , and a $(CH_2)_r$ -5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{6e} ;

R^{6d} , at each occurrence, is selected from C₃₋₈ alkenyl substituted with 0-2 R^{6e} , C₃₋₈ alkynyl substituted with 0-2 R^{6e} , methyl, CF₃, C₂₋₆ alkyl substituted with 0-3 R^{6e} , C₂₋₄ haloalkyl, a $(CH_2)_r$ -C₃₋₁₀ carbocyclic residue substituted with 0-3 R^{6e} , and a $(CH_2)_r$ -5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{6e} ;

R^{6e} , at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, $(CH_2)_r$ -C₃₋₆ cycloalkyl, Cl, F, Br, I, CN, NO₂, $(CF_2)_r$ -CF₃, $(CH_2)_r$ -OC₁₋₅ alkyl, OH, SH, $(CH_2)_r$ -SC₁₋₅ alkyl, $(CH_2)_r$ -NR^{6f}R^{6f}, and $(CH_2)_r$ -phenyl;

R^{6f} , at each occurrence, is selected from H, C₁₋₅ alkyl, and C₃₋₆ cycloalkyl, and phenyl;

R^{6g} is independently selected from -C(O)R^{6b}, -C(O)OR^{6d}, -C(O)NR^{6f}R^{6f}, and $(CH_2)_r$ -phenyl;

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R^7 , at each occurrence, is selected from C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, $(CH_2)_x C_{3-6}$ cycloalkyl, Cl, Br, I, F, NO_2 , CN, $(CR'R')_x NR^{7a} R^{7a}$, $(CR'R')_x OH$, $(CR'R')_x O(CR'R')_x R^{7d}$, $(CR'R')_x SH$, $(CR'R')_x C(O)H$, $(CR'R')_x S(CR'R')_x R^{7d}$, $(CR'R')_x C(O)OH$, $(CR'R')_x C(O)(CR'R')_x R^{7b}$, $(CR'R')_x C(O)NR^{7a} R^{7a}$, $(CR'R')_x NR^{7f} C(O)(CR'R')_x R^{7b}$, $(CR'R')_x C(O)O(CR'R')_x R^{7d}$, $(CR'R')_x OC(O)(CR'R')_x R^{7b}$, $(CR'R')_x OC(O)NR^{7a}(CR'R')_x R^{7a}$, $(CR'R')_x NR^{7a} C(O)NR^{7a}(CR'R')_x R^{7a}$, $(CR'R')_x NR^{7f} C(O)O(CR'R')_x R^{7d}$, $(CR'R')_x C(=NR^{7f})NR^{7a} R^{7a}$, $(CR'R')_x NHC(=NR^{7f})NR^{7f} R^{7f}$, $(CR'R')_x S(O)_p(CR'R')_x R^{7b}$, $(CR'R')_x S(O)_2 NR^{7a} R^{7a}$, $(CR'R')_x NR^{7a} S(O)_2 NR^{7a} R^{7a}$, $(CR'R')_x NR^{7f} S(O)_2(CR'R')_x R^{7b}$, C_{1-6} haloalkyl, C_{2-8} alkenyl substituted with 0-3 R' , C_{2-8} alkynyl substituted with 0-3 R' , $(CR'R')_x C_{3-10}$ carbocyclic residue and $(CR'R')_x$ phenyl substituted with 0-3 R^{7e} ;

alternatively, two R^7 on adjacent atoms on R^2 may join to form a cyclic acetal;

R^{7a} , at each occurrence, is independently selected from H, methyl substituted with 0-1 R^{7g} , C_{2-6} alkyl substituted with 0-2 R^{7e} , C_{3-8} alkenyl substituted with 0-2 R^{7e} , C_{3-8} alkynyl substituted with 0-2 R^{7e} , a $(CH_2)_x C_{3-10}$ carbocyclic residue substituted with 0-5 R^{7e} , and a $(CH_2)_{x-5-10}$ membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{7e} ;

R^{7b} , at each occurrence, is selected from C_{1-6} alkyl substituted with 0-2 R^{7e} , C_{3-8} alkenyl substituted with 0-2 R^{7e} , C_{3-8} alkynyl substituted with 0-2 R^{7e} , a $(CH_2)_x C_{3-6}$ carbocyclic residue substituted with 0-3 R^{7e} , and a $(CH_2)_{x-5-6}$ membered

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heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{7e};

R^{7d}, at each occurrence, is selected from C₃₋₈ alkenyl substituted with 0-2 R^{7e}, C₃₋₈ alkynyl substituted with 0-2 R^{7e}, methyl, CF₃, C₂₋₄ haloalkyl, C₂₋₆ alkyl substituted with 0-3 R^{7e}, a (CH₂)_r-C₃₋₁₀ carbocyclic residue substituted with 0-3 R^{7e}, and a (CH₂)_r-5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{7e};

R^{7e}, at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_r-C₃₋₆ cycloalkyl, Cl, F, Br, I, CN, NO₂, (CF₂)_rCF₃, (CH₂)_r-OC₁₋₅ alkyl, OH, SH, C(O)OC₁₋₅ alkyl, (CH₂)_r-SC₁₋₅ alkyl, (CH₂)_r-NR^{7f}R^{7f}, and (CH₂)_rphenyl;

R^{7f}, at each occurrence, is selected from H, C₁₋₅ alkyl, and C₃₋₆ cycloalkyl, and phenyl;

R^{7g} is independently selected from -C(O)R^{7b}, -C(O)OR^{7d}, -C(O)NR^{7f}R^{7f}, and (CH₂)_rphenyl;

R', at each occurrence, is selected from H, C₁₋₆ alkyl substituted with R^{6e}, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_r-C₃₋₆ cycloalkyl, and (CH₂)_rphenyl substituted with R^{6e};

~~R⁶ is selected from H, C₁₋₄ alkyl, and C₃₋₄ cycloalkyl,~~

R⁹ is selected from H, C₁₋₄ alkyl, C₃₋₄ cycloalkyl, -C(O)H, and -C(O)-C₁₋₄alkyl;

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R¹⁰ is independently selected from H, and C₁₋₄alkyl substituted with 0-1 R^{10b}, alternatively, two R¹⁰ form =O;

R^{10b}, at each occurrence, is independently selected from -OH, -SH, -NR^{10c}R^{10c}, -C(O)NR^{10c}R^{10c}, and -NHC(O)R^{10c};

R^{10c} is selected from H, C₁₋₄ alkyl and C₃₋₆ cycloalkyl;

R¹¹ is selected from H, C₁₋₄ alkyl, (CHR)_qOH, (CHR)_qSH, (CHR)_qOR^{11d}, (CHR)_qS(O)_pR^{11d}, (CHR)_rC(O)R^{11b}, (CHR)_rNR^{11a}R^{11a}, (CHR)_rC(O)NR^{11a}R^{11a}, (CHR)_rC(O)NR^{11a}OR^{11d}, (CHR)_qNR^{11a}C(O)R^{11b}, (CHR)_qNR^{11a}C(O)OR^{11d}, (CHR)_qOC(O)NR^{11a}R^{11a}, (CHR)_rC(O)OR^{11d}, a (CHR)_r-C₃₋₆ carbocyclic residue substituted with 0-5 R^{11e}, and a (CHR)_r-5-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{11e};

R^{11a}, at each occurrence, is independently selected from H, C₁₋₄ alkyl, C₃₋₄ alkenyl, C₃₋₄ alkynyl, (CH₂)_rC₃₋₆ cycloalkyl, a (CH₂)_r-C₃₋₆ carbocyclic residue substituted with 0-5 R^{11e}, and a (CH₂)_r-5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{11e};

R^{11b}, at each occurrence, is independently selected from C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, a (CH₂)_r-C₃₋₆ carbocyclic residue substituted with 0-2 R^{11e}, and a (CH₂)_r-5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{11e};

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R^{11d} , at each occurrence, is independently selected from H, methyl, $-CF_3$, C_{2-4} alkyl, C_{3-6} alkenyl, C_{3-6} alkynyl, a C_{3-6} carbocyclic residue substituted with 0-3 R^{11e} , and a $(CH_2)_r$ -5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{11e} ;

R^{11e} , at each occurrence, is selected from C_{1-6} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, C_{3-6} cycloalkyl, Cl, F, Br, I, CN, NO_2 , $(CF_2)_rCF_3$, $(CH_2)_rOC_{1-5}$ alkyl, OH, $-O-C_{1-6}$ alkyl, SH, $(CH_2)_rSC_{1-5}$ alkyl, $(CH_2)_rNR^{11f}R^{11f}$, and $(CH_2)_r$ phenyl;

R^{11f} , at each occurrence, is selected from H, C_{1-6} alkyl, and C_{3-6} cycloalkyl;

R^{12} is selected from H, C_{1-4} alkyl, $(CHR)_qOH$, $(CHR)_qSH$, $(CHR)_qOR^{12d}$, $(CHR)_qS(O)_pR^{12d}$, $(CHR)_rC(O)R^{12b}$, $(CHR)_rNR^{12a}R^{12a}$, $(CHR)_rC(O)NR^{12a}R^{12a}$, $(CHR)_rC(O)NR^{12a}OR^{12d}$, $(CHR)_qNR^{12a}C(O)R^{12b}$, $(CHR)_qNR^{12a}C(O)OR^{12d}$, $(CHR)_qOC(O)NR^{12a}R^{12a}$, $(CHR)_rC(O)OR^{12d}$, a $(CHR)_r-C_{3-6}$ carbocyclic residue substituted with 0-5 R^{12e} , and a $(CHR)_r$ -5-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{12e} ;

R^{12a} , at each occurrence, is independently selected from H, C_{1-4} alkyl, C_{3-4} alkenyl, C_{3-4} alkynyl, $(CH_2)_rC_{3-6}$ cycloalkyl, a $(CH_2)_r-C_{3-6}$ carbocyclic residue substituted with 0-5 R^{12e} , and a $(CH_2)_r$ -5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{12e} ;

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R^{12b} , at each occurrence, is independently selected from C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, a $(CH_2)_r$ - C_{3-6} carbocyclic residue substituted with 0-2 R^{12e} , and a $(CH_2)_r$ -5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{12e} ;

R^{12d} , at each occurrence, is independently selected from H, methyl, $-CF_3$, C_{2-4} alkyl, C_{3-6} alkenyl, C_{3-6} alkynyl, a C_{3-6} carbocyclic residue substituted with 0-3 R^{12e} , and a $(CH_2)_r$ -5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{12e} ;

R^{12e} , at each occurrence, is selected from C_{1-6} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, C_{3-6} cycloalkyl, Cl, F, Br, I, CN, NO_2 , $(CF_2)_rCF_3$, $(CH_2)_rOC_{1-5}$ alkyl, OH, $-O-C_{1-6}$ alkyl, SH, $(CH_2)_rSC_{1-5}$ alkyl, $(CH_2)_rNR^{12f}R^{12f}$, and $(CH_2)_rphenyl$;

R^{12f} , at each occurrence, is selected from H, C_{1-6} alkyl, and C_{3-6} cycloalkyl;

R^{13} , at each occurrence, is independently selected from H, and C_{1-4} alkyl substituted with 0-1 R^{13b} , $-OH$, $-NH_2$, F, Cl, Br, I, $-OR^{13a}$, $-N(R^{13a})_2$, and C_{1-4} alkyl substituted with 0-3 R^{13b} ;

R^{13a} is selected from H, C_{1-4} alkyl and C_{3-6} cycloalkyl;

R^{13b} , at each occurrence, is independently selected from $-OH$, $-SH$, $-NR^{13c}R^{13c}$, $-C(O)NR^{13c}R^{13c}$, and $-NHC(O)R^{13c}$;

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R^{13c} is selected from H, C_{1-4} alkyl and C_{3-6} cycloalkyl;

~~R^{14} , at each occurrence, is independently selected from H and C_{1-4} alkyl;~~

~~alternatively, two R^{14} s, along with the carbon atom to which they are attached, join to form a C_{3-6} carbocyclic ring;~~

~~R^{15} , at each occurrence, is independently selected from H, C_{1-4} alkyl, OH, NH_2 , O C_{1-4} alkyl, $NR^{15a}R^{15a}$, $C(O)NR^{15a}R^{15a}$, $NR^{15a}C(O)R^{15b}$, $NR^{15a}C(O)OR^{15d}$, $OC(O)NR^{15a}R^{15a}$, and $(CHR)_2C(O)OR^{15d}$;~~

~~alternatively, two R^{15} s, along with the carbon atom or atoms to which they are attached, join to form a C_{3-6} carbocyclic ring;~~

~~R^{15a} , at each occurrence, is independently selected from H, and C_{1-4} alkyl;~~

~~R^{15b} , at each occurrence, is independently selected from C_{1-4} alkyl, C_{3-6} alkenyl, and C_{3-6} alkynyl;~~

~~R^{15d} , at each occurrence, is independently selected from C_{1-4} alkyl, C_{3-6} alkenyl, and C_{3-6} alkynyl;~~

~~R^{16} is selected from C_{1-4} alkyl;~~

1 is selected from 1, 2 and 3;

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n is 1; ~~selected from 0, 1, 2, and 3;~~

m is selected from 0 and 1;

p, at each occurrence, is independently selected from 0, 1, and 2;

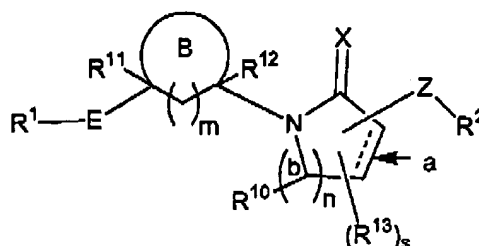
q, at each occurrence, is independently selected from 1, 2, 3, and 4;

r, at each occurrence, is independently selected from 0, 1, 2, 3, and 4;

t, at each occurrence, is independently selected from 2, 3, and 4;

s is selected from 0 and 1.

2. (CURRENTLY AMENDED) A compound of claim 1, wherein the compound is of formula (I):



(I)

or a stereoisomer or a pharmaceutically acceptable salt thereof, wherein:

ring B is a cyclohexyl group ~~cycloalkyl group of 3 to 8 carbon atoms wherein the cycloalkyl group is saturated or partially unsaturated; or a heterocycle of 3 to 7 atoms wherein the heterocycle is saturated or partially unsaturated, the heterocycle containing a heteroatom selected from O, S,~~

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~~S(=O)~~, ~~S(=O)₂~~, and ~~N(R⁴)~~, the heterocycle optionally containing a ~~C(O)~~; ring B being substituted with 0-2 R⁵;

X is selected from O or S;

Z is ~~NR³~~; selected from a bond, ~~NR³C(O)~~, ~~NR³C(S)~~, ~~NR³C(O)NH~~, ~~NR³C(S)NH~~, ~~NR³SO₂~~, ~~NR³SO₂NH~~, ~~C(O)NR³~~, ~~OC(O)NR³~~, ~~NR³C(O)O~~, ~~(CR¹⁵R¹⁵)₁~~, ~~CR¹⁴CR¹⁴~~, ~~CR¹⁵R¹⁵C(O)~~, ~~C(O)CR¹⁵R¹⁵~~, ~~CR¹⁵R¹⁵C(-N OR¹⁶)~~, ~~O CR¹⁴R¹⁴~~, ~~CR¹⁴R¹⁴O~~, ~~O~~, ~~NR³~~, ~~NR³CR¹⁴R¹⁴~~, ~~CR¹⁴R¹⁴NR³~~, ~~S(O)_p~~, ~~S(O)_pCR¹⁴R¹⁴~~, ~~CR¹⁴R¹⁴S(O)_p~~, and ~~S(O)_pNR³~~,

wherein neither Z nor R¹³ are connected to a carbon atom labeled (b);

bond (a) is a single ~~or double~~ bond;

~~alternatively, when n is equal to 2, two atoms labeled (b) may join through a double bond;~~

E is selected from ~~S(O)_pCHR^e-~~, ~~CHR^eNR^e-~~, ~~C(O)-NR^e-~~, ~~NR^eC(O)NR^e-~~, ~~SO₂-NR^e-~~, and ~~NR^eSO₂NR^e-~~;

R^e is independently selected from H and C₁₋₃ alkyl;

R¹ is selected from a C₆₋₁₀ aryl group substituted with 0-5 R⁶ and ~~a 5-10 membered heteroaryl system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R⁶;~~

R² is selected from ~~a C₆₋₁₀ aryl group substituted with 0-5 R⁷~~ and a 5-10 membered heteroaryl system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R⁷;

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~~R⁴ is selected from H, C₁₋₆ alkyl, C₃₋₈ alkenyl, C₃₋₈ alkynyl, (CRR)_xOH, (CRR)_xSH, (CRR)_xOR^{4d}, (CHR)_xSR^{4d}, (CRR)_xNR^{4a}R^{4a}, (CRR)_xC(O)OH, (CRR)_xC(O)R^{4b}, (CRR)_xC(O)NR^{4a}R^{4a}, (CRR)_xOC(O)NR^{4a}R^{4a}, (CRR)_xNR^{4a}C(O)OR^{4d}, (CRR)_xNR^{4a}C(O)R^{4b}, (CRR)_xC(O)OR^{4d}, (CRR)_xOC(O)R^{4b}, (CRR)_xC(O)_pR^{4b}, (CRR)_xC(O)₂NR^{4a}R^{4a}, (CRR)_xNR^{4a}S(O)₂R^{4b}, C₁₋₆ haloalkyl, a (CRR)_x-C₃₋₁₀ carbocyclic residue substituted with 0-3 R^{4e}, and a (CHR)_x-4-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{4e}.~~

~~R^{4a}, at each occurrence, is independently selected from H, methyl substituted with 0-1 R^{4e}, C₂₋₆ alkyl substituted with 0-3 R^{4e}, C₃₋₈ alkenyl substituted with 0-3 R^{4e}, C₃₋₈ alkynyl substituted with 0-3 R^{4e}, a (CH₂)_x-C₃₋₁₀ carbocyclic residue substituted with 0-4 R^{4e}, and a (CHR)_x-4-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{4e}.~~

~~R^{4b}, at each occurrence, is selected from H, C₁₋₆ alkyl substituted with 0-3 R^{4e}, C₃₋₈ alkenyl substituted with 0-3 R^{4e}, C₃₋₈ alkynyl substituted with 0-3 R^{4e}, a (CH₂)_x-C₃₋₆ carbocyclic residue substituted with 0-2 R^{4e}, and a (CHR)_x-4-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{4e}.~~

~~R^{4e} is independently selected from C(O)R^{4b}, C(O)OR^{4d}, C(O)NR^{4f}R^{4f}, and (CH₂)_xphenyl.~~

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~~R^{4d}, at each occurrence, is selected from methyl, CF₃, C₂₋₆ alkyl substituted with 0-3 R^{4e}, C₃₋₈ alkenyl substituted with 0-3 R^{4e}, C₃₋₈ alkynyl substituted with 0-3 R^{4e}, and a C₃₋₁₀ carbocyclic residue substituted with 0-3 R^{4e},~~

~~R^{4e}, at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_xC₃₋₆ cycloalkyl, Cl, F, Br, I, CN, NO₂, (CF₂)_xCF₃, (CH₂)_xOC₁₋₅ alkyl, OH, SH, (CH₂)_xSC₁₋₅ alkyl, (CH₂)_xNR^{4f}R^{4f}, C(O)R⁴ⁱ, C(O)OR^{4j}, C(O)NR^{4h}R^{4h}, OC(O)NR^{4h}R^{4h}, NR^{4h}C(O)NR^{4h}R^{4h}, NR^{4h}C(O)OR^{4j}, and (CH₂)_xphenyl,~~

~~R^{4f}, at each occurrence, is selected from H, C₁₋₆ alkyl, C₃₋₆ cycloalkyl, and phenyl,~~

~~R^{4h}, at each occurrence, is independently selected from H, C₁₋₆ alkyl, C₃₋₈ alkenyl, C₃₋₈ alkynyl, and a (CH₂)_xC₃₋₁₀ carbocyclic,~~

~~R⁴ⁱ, at each occurrence, is selected from H, C₁₋₆ alkyl, C₃₋₈ alkenyl, C₃₋₈ alkynyl, and a (CH₂)_xC₃₋₆ carbocyclic residue,~~

~~R^{4j}, at each occurrence, is selected from CF₃, C₁₋₆ alkyl, C₃₋₈ alkenyl, C₃₋₈ alkynyl, and a C₃₋₁₀ carbocyclic residue,~~

R⁵, at each occurrence, is independently selected from H, =O, C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CRR)_xOH, (CRR)_xSH, (CRR)_xOR^{5d}, (CRR)_xSR^{5d}, (CRR)_xNR^{5a}R^{5a}, (CRR)_xC(O)OH, (CRR)_xC(O)R^{5b}, (CRR)_xC(O)NR^{5a}R^{5a}, (CRR)_xNR^{5a}C(O)R^{5b}, (CRR)_xOC(O)NR^{5a}R^{5a}, (CRR)_xNR^{5a}C(O)OR^{5d}, (CRR)_xNR^{5a}C(O)NR^{5a}R^{5a}, (CRR)_xNR^{5a}C(O)H, (CRR)_xC(O)OR^{5d}, (CRR)_xOC(O)R^{5b}, (CRR)_xS(O)_pR^{5b}, (CRR)_xS(O)₂NR^{5a}R^{5a}, (CRR)_xNR^{5a}S(O)₂R^{5b},

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(CRR)_rNR^{5a}SR^{5a}, C₁₋₆ haloalkyl, a (CRR)_r-C₃₋₁₀ carbocyclic residue substituted with 0-3 R^{5c}, and a (CRR)_r-5-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{5c};

R^{5a}, at each occurrence, is independently selected from H, methyl substituted with 0-1 R^{5g}, C₂₋₆ alkyl substituted with 0-2 R^{5e}, C₃₋₈ alkenyl substituted with 0-2 R^{5e}, C₃₋₈ alkynyl substituted with 0-2 R^{5e}, a (CH₂)_r-C₃₋₁₀ carbocyclic residue substituted with 0-5 R^{5e}, and a (CH₂)_r-5-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{5e};

R^{5b}, at each occurrence, is selected from C₁₋₆ alkyl substituted with 0-3 R^{5e}, C₃₋₈ alkenyl substituted with 0-2 R^{5e}, C₃₋₈ alkynyl substituted with 0-2 R^{5e}, a (CH₂)_r-C₃₋₆ carbocyclic residue substituted with 0-2 R^{5e}, and a (CH₂)_r-5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{5e};

R^{5c}, at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_r-C₃₋₆ cycloalkyl, Cl, Br, I, F, (CF₂)_rCF₃, NO₂, CN, (CH₂)_rNR^{5f}R^{5f}, (CH₂)_rOH, (CH₂)_rOC₁₋₄ alkyl, (CH₂)_rSC₁₋₄ alkyl, (CH₂)_rC(O)OH, (CH₂)_rC(O)R^{5b}, (CH₂)_rC(O)NR^{5f}R^{5f}, (CH₂)_rOC(O)NR^{5f}R^{5f}, (CH₂)_rNR^{5f}C(O)R^{5b}, (CH₂)_rC(O)OC₁₋₄ alkyl, (CH₂)_rNR^{5f}C(O)OC₁₋₄ alkyl, (CH₂)_rOC(O)R^{5b}, (CH₂)_rC(=NR^{5f})NR^{5f}R^{5f}, (CH₂)_rS(O)_pR^{5b}, (CH₂)_rNHC(=NR^{5f})NR^{5f}R^{5f}, (CH₂)_rS(O)₂NR^{5f}R^{5f}, (CH₂)_rNR^{5f}S(O)₂R^{5b}, and (CH₂)_rphenyl substituted with 0-3 R^{5e};

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R^{5d} , at each occurrence, is selected from methyl, CF_3 , C_{2-6} alkyl substituted with 0-2 R^{5e} , C_{3-8} alkenyl substituted with 0-2 R^{5e} , C_{3-8} alkynyl substituted with 0-2 R^{5e} , and a C_{3-10} carbocyclic residue substituted with 0-3 R^{5e} ;

R^{5e} , at each occurrence, is selected from C_{1-6} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, C_{3-6} cycloalkyl, Cl, F, Br, I, CN, NO_2 , $(CF_2)_rCF_3$, $(CH_2)_rOC_{1-5}$ alkyl, OH, SH, $(CH_2)_rSC_{1-5}$ alkyl, $(CH_2)_rNR^{5f}R^{5f}$, and $(CH_2)_rphenyl$;

R^{5f} , at each occurrence, is selected from H, C_{1-6} alkyl, and C_{3-6} cycloalkyl;

R^{5g} is independently selected from $-C(O)R^{5b}$, $-C(O)OR^{5d}$, $-C(O)NR^{5f}R^{5f}$, and $(CH_2)_rphenyl$;

R, at each occurrence, is selected from H, C_{1-6} alkyl substituted with R^{5e} , C_{2-8} alkenyl, C_{2-8} alkynyl, $(CH_2)_rC_{3-6}$ cycloalkyl, and $(CH_2)_rphenyl$ substituted with R^{5e} ;

R^6 , at each occurrence, is selected from C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, $(CH_2)_rC_{3-6}$ cycloalkyl, Cl, Br, I, F, NO_2 , CN, $(CR'R')_rNR^{6a}R^{6a}$, $(CR'R')_rOH$, $(CR'R')_rO(CR'R')_rR^{6d}$, $(CR'R')_rSH$, $(CR'R')_rC(O)H$, $(CR'R')_rS(CR'R')_rR^{6d}$, $(CR'R')_rSC(O)(CR'R')_rR^{6b}$, $(CR'R')_rC(O)OH$, $(CR'R')_rC(O)(CR'R')_rR^{6b}$, $(CR'R')_rNR^{6a}R^{6a}$, $(CR'R')_rC(O)NR^{6a}R^{6a}$, $(CR'R')_rNR^{6f}C(O)(CR'R')_rR^{6b}$, $(CR'R')_rC(O)O(CR'R')_rR^{6d}$, $(CR'R')_rOC(O)(CR'R')_rR^{6b}$, $(CR'R')_rOC(O)NR^{6a}(CR'R')_rR^{6d}$, $(CR'R')_rNR^{6a}C(O)NR^{6a}(CR'R')_rR^{6d}$, $(CR'R')_rNR^{6a}C(S)NR^{6a}(CR'R')_rR^{6d}$, $(CR'R')_rNR^{6f}C(O)O(CR'R')_rR^{6b}$, $(CR'R')_rC(=NR^{6f})NR^{6a}R^{6a}$, $(CR'R')_rNHC(=NR^{6f})NR^{6f}R^{6f}$, $(CR'R')_rS(O)_p(CR'R')_rR^{6b}$, $(CR'R')_rS(O)_2NR^{6a}R^{6a}$,

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$(\text{CR}'\text{R}')_r\text{NR}^{6f}\text{S}(\text{O})_2\text{NR}^{6a}\text{R}^{6a}$, $(\text{CR}'\text{R}')_r\text{NR}^{6f}\text{S}(\text{O})_2(\text{CR}'\text{R}')_r\text{R}^{6b}$, C_{1-6} haloalkyl, C_{2-8} alkenyl substituted with 0-3 R' , C_{2-8} alkynyl substituted with 0-3 R' , $(\text{CR}'\text{R}')_r$ phenyl substituted with 0-3 R^{6e} , and a $(\text{CH}_2)_r$ -5-6 membered heterocyclic system containing 1-2 heteroatoms selected from N, O, and S, substituted with 0-2 R^{6e} ;

alternatively, two R^6 on adjacent atoms on R^1 may join to form a cyclic acetal;

R^{6a} , at each occurrence, is selected from H, methyl substituted with 0-1 R^{6g} , C_{2-6} alkyl substituted with 0-2 R^{6e} , C_{3-8} alkenyl substituted with 0-2 R^{6e} , C_{3-8} alkynyl substituted with 0-2 R^{6e} , a $(\text{CH}_2)_r$ - C_{3-10} carbocyclic residue substituted with 0-5 R^{6e} , and a $(\text{CH}_2)_r$ -5-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{6e} ;

R^{6b} , at each occurrence, is selected from H, C_{1-6} alkyl substituted with 0-2 R^{6e} , C_{3-8} alkenyl substituted with 0-2 R^{6e} , C_{3-8} alkynyl substituted with 0-2 R^{6e} , a $(\text{CH}_2)_r$ - C_{3-6} carbocyclic residue substituted with 0-3 R^{6e} , and a $(\text{CH}_2)_r$ -5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{6e} ;

R^{6d} , at each occurrence, is selected from C_{3-8} alkenyl substituted with 0-2 R^{6e} , C_{3-8} alkynyl substituted with 0-2 R^{6e} , methyl, CF_3 , C_{2-6} alkyl substituted with 0-3 R^{6e} , C_{2-4} haloalkyl, a $(\text{CH}_2)_r$ - C_{3-10} carbocyclic residue substituted with 0-3 R^{6e} , and a $(\text{CH}_2)_r$ -5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{6e} ;

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R^{6e}, at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_rC₃₋₆ cycloalkyl, Cl, F, Br, I, CN, NO₂, (CF₂)_rCF₃, (CH₂)_rOC₁₋₅ alkyl, OH, SH, (CH₂)_rSC₁₋₅ alkyl, (CH₂)_rNR^{6f}R^{6f}, and (CH₂)_rphenyl;

R^{6f}, at each occurrence, is selected from H, C₁₋₅ alkyl, and C₃₋₆ cycloalkyl, and phenyl;

R^{6g} is independently selected from -C(O)R^{6b}, -C(O)OR^{6d}, -C(O)NR^{6f}R^{6f}, and (CH₂)_rphenyl;

R⁷, at each occurrence, is selected from C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_rC₃₋₆ cycloalkyl, Cl, Br, I, F, NO₂, CN, (CR'R')_rNR^{7a}R^{7a}, (CR'R')_rOH, (CR'R')_rO(CR'R')_rR^{7d}, (CR'R')_rSH, (CR'R')_rC(O)H, (CR'R')_rS(CR'R')_rR^{7d}, (CR'R')_rC(O)OH, (CR'R')_rC(O)(CR'R')_rR^{7b}, (CR'R')_rC(O)NR^{7a}R^{7a}, (CR'R')_rNR^{7f}C(O)(CR'R')_rR^{7b}, (CR'R')_rC(O)O(CR'R')_rR^{7d}, (CR'R')_rOC(O)(CR'R')_rR^{7b}, (CR'R')_rOC(O)NR^{7a}(CR'R')_rR^{7a}, (CR'R')_rNR^{7a}C(O)NR^{7a}(CR'R')_rR^{7a}, (CR'R')_rNR^{7f}C(O)O(CR'R')_rR^{7d}, (CR'R')_rC(=NR^{7f})NR^{7a}R^{7a}, (CR'R')_rNHC(=NR^{7f})NR^{7f}R^{7f}, (CR'R')_rS(O)_p(CR'R')_rR^{7b}, (CR'R')_rS(O)₂NR^{7a}R^{7a}, (CR'R')_rNR^{7a}S(O)₂NR^{7a}R^{7a}, (CR'R')_rNR^{7f}S(O)₂(CR'R')_rR^{7b}, C₁₋₆ haloalkyl, C₂₋₈ alkenyl substituted with 0-3 R', C₂₋₈ alkynyl substituted with 0-3 R', and (CR'R')_rphenyl substituted with 0-3 R^{7e};

alternatively, two R⁷ on adjacent atoms on R² may join to form a cyclic acetal;

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R^{7a}, at each occurrence, is independently selected from H, methyl substituted with 0-1 R^{7g}, C₂₋₆ alkyl substituted with 0-2 R^{7e}, C₃₋₈ alkenyl substituted with 0-2 R^{7e}, C₃₋₈ alkynyl substituted with 0-2 R^{7e}, a (CH₂)_r-C₃₋₁₀ carbocyclic residue substituted with 0-5 R^{7e}, and a (CH₂)_r-5-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{7e};

R^{7b}, at each occurrence, is selected from C₁₋₆ alkyl substituted with 0-2 R^{7e}, C₃₋₈ alkenyl substituted with 0-2 R^{7e}, C₃₋₈ alkynyl substituted with 0-2 R^{7e}, a (CH₂)_r-C₃₋₆ carbocyclic residue substituted with 0-3 R^{7e}, and a (CH₂)_r-5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{7e};

R^{7d}, at each occurrence, is selected from C₃₋₈ alkenyl substituted with 0-2 R^{7e}, C₃₋₈ alkynyl substituted with 0-2 R^{7e}, methyl, CF₃, C₂₋₄ haloalkyl, C₂₋₆ alkyl substituted with 0-3 R^{7e}, a (CH₂)_r-C₃₋₁₀ carbocyclic residue substituted with 0-3 R^{7e}, and a (CH₂)_r-5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{7e};

R^{7e}, at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_r-C₃₋₆ cycloalkyl, Cl, F, Br, I, CN, NO₂, (CF₂)_r-CF₃, (CH₂)_r-OC₁₋₅ alkyl, OH, SH, C(O)OC₁₋₅ alkyl, (CH₂)_r-SC₁₋₅ alkyl, (CH₂)_r-NR^{7f}R^{7f}, and (CH₂)_r-phenyl;

R^{7f}, at each occurrence, is selected from H, C₁₋₅ alkyl, and C₃₋₆ cycloalkyl, and phenyl;

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R^{7g} is independently selected from -C(O)R^{7b}, -C(O)OR^{7d},
-C(O)NR^{7f}R^{7f}, and (CH₂)_rphenyl;

R', at each occurrence, is selected from H, C₁₋₆ alkyl substituted
with R^{6e}, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_rC₃₋₆ cycloalkyl,
and (CH₂)_rphenyl substituted with R^{6e};

~~R⁸ is selected from H, C₁₋₄ alkyl, and C₃₋₄ cycloalkyl;~~

R⁹ is selected from H, C₁₋₄ alkyl, C₃₋₄ cycloalkyl, -C(O)H, and -
C(O)-C₁₋₄alkyl;

R¹⁰ is independently selected from H, and C₁₋₄alkyl substituted
with 0-1 R^{10b};

R^{10b}, at each occurrence, is independently selected from -OH, -SH,
-NR^{10c}R^{10c}, -C(O)NR^{10c}R^{10c}, and -NHC(O)R^{10c};

R^{10c} is selected from H, C₁₋₄ alkyl and C₃₋₆ cycloalkyl;

R¹¹ is selected from H, C₁₋₄ alkyl, (CHR)_qOH, (CHR)_qSH, (CHR)_qOR^{11d},
(CHR)_qS(O)_pR^{11d}, (CHR)_rC(O)R^{11b}, (CHR)_rNR^{11a}R^{11a},
(CHR)_rC(O)NR^{11a}R^{11a}, (CHR)_rC(O)NR^{11a}OR^{11d}, (CHR)_qNR^{11a}C(O)R^{11b},
(CHR)_qNR^{11a}C(O)OR^{11d}, (CHR)_qOC(O)NR^{11a}R^{11a}, (CHR)_rC(O)OR^{11d}, a
(CHR)_r-C₃₋₆ carbocyclic residue substituted with 0-5 R^{11e}, and
a (CHR)_r-5-10 membered heterocyclic system containing 1-4
heteroatoms selected from N, O, and S, substituted with 0-3
R^{11e};

R^{11a}, at each occurrence, is independently selected from H, C₁₋₄
alkyl, C₃₋₄ alkenyl, C₃₋₄ alkynyl, (CH₂)_rC₃₋₆ cycloalkyl, a

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(CH₂)_r-C₃₋₆ carbocyclic residue substituted with 0-5 R^{11e}, and a (CH₂)_r-5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{11e};

R^{11b}, at each occurrence, is independently selected from C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, a (CH₂)_r-C₃₋₆ carbocyclic residue substituted with 0-2 R^{11e}, and a (CH₂)_r-5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{11e};

R^{11d}, at each occurrence, is independently selected from H, methyl, -CF₃, C₂₋₄ alkyl, C₃₋₆ alkenyl, C₃₋₆ alkynyl, a C₃₋₆ carbocyclic residue substituted with 0-3 R^{11e}, and a (CH₂)_r-5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{11e};

R^{11e}, at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₆ cycloalkyl, Cl, F, Br, I, CN, NO₂, (CF₂)_rCF₃, (CH₂)_rOC₁₋₅ alkyl, OH, -O-C₁₋₆ alkyl, SH, (CH₂)_rSC₁₋₅ alkyl, (CH₂)_rNR^{11f}R^{11f}, and (CH₂)_rphenyl;

R^{11f}, at each occurrence, is selected from H, C₁₋₆ alkyl, and C₃₋₆ cycloalkyl;

R¹² is selected from H, C₁₋₄ alkyl, (CHR)_qOH, (CHR)_qSH, (CHR)_qOR^{12d}, (CHR)_qS(O)_pR^{12d}, (CHR)_rC(O)R^{12b}, (CHR)_rNR^{12a}R^{12a}, (CHR)_rC(O)NR^{12a}R^{12a}, (CHR)_rC(O)NR^{12a}OR^{12d}, (CHR)_qNR^{12a}C(O)R^{12b}, (CHR)_qNR^{12a}C(O)OR^{12d}, (CHR)_qOC(O)NR^{12a}R^{12a}, (CHR)_rC(O)OR^{12d}, a

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(CHR)_r-C₃₋₆ carbocyclic residue substituted with 0-5 R^{12e}, and a (CHR)_r-5-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{12e};

R^{12a}, at each occurrence, is independently selected from H, C₁₋₄ alkyl, C₃₋₄ alkenyl, C₃₋₄ alkynyl, (CH₂)_r-C₃₋₆ cycloalkyl, a (CH₂)_r-C₃₋₆ carbocyclic residue substituted with 0-5 R^{12e}, and a (CH₂)_r-5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{12e};

R^{12b}, at each occurrence, is independently selected from C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, a (CH₂)_r-C₃₋₆ carbocyclic residue substituted with 0-2 R^{12e}, and a (CH₂)_r-5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{12e};

R^{12d}, at each occurrence, is independently selected from H, methyl, -CF₃, C₂₋₄ alkyl, C₃₋₆ alkenyl, C₃₋₆ alkynyl, a C₃₋₆ carbocyclic residue substituted with 0-3 R^{12e}, and a (CH₂)_r-5-6 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^{12e};

R^{12e}, at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₆ cycloalkyl, Cl, F, Br, I, CN, NO₂, (CF₂)_rCF₃, (CH₂)_rOC₁₋₅ alkyl, OH, -O-C₁₋₆ alkyl, SH, (CH₂)_rSC₁₋₅ alkyl, (CH₂)_rNR^{12f}R^{12f}, and (CH₂)_rphenyl;

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R^{12f}, at each occurrence, is selected from H, C₁₋₆ alkyl, and C₃₋₆ cycloalkyl;

R¹³, at each occurrence, is independently selected from H, and C₁₋₄alkyl substituted with 0-1 R^{13b}, -OH, -NH₂, F, Cl, Br, I, -OR^{13a}, -N(R^{13a})₂, and C₁₋₄ alkyl substituted with 0-3 R^{13b};

R^{13a} is selected from H, C₁₋₄ alkyl and C₃₋₆ cycloalkyl;

R^{13b}, at each occurrence, is independently selected from -OH, -SH, -NR^{13c}R^{13c}, -C(O)NR^{13c}R^{13c}, and -NHC(O)R^{13c};

R^{13c} is selected from H, C₁₋₄ alkyl and C₃₋₆ cycloalkyl;

~~R¹⁴, at each occurrence, is independently selected from H and C₁₋₄alkyl,~~

~~alternatively, two R¹⁴s, along with the carbon atom to which they are attached, join to form a C₃₋₆-carbocyclic ring,~~

~~R¹⁵, at each occurrence, is independently selected from H, C₁₋₄alkyl, OH, NH₂, O C₁₋₄alkyl, NR^{15a}R^{15a}, C(O)NR^{15a}R^{15a}, NR^{15a}C(O)R^{15b}, NR^{15a}C(O)OR^{15d}, OC(O)NR^{15a}R^{15a}, and (CHR)₂C(O)OR^{15d},~~

~~alternatively, two R¹⁵s, along with the carbon atom or atoms to which they are attached, join to form a C₃₋₆-carbocyclic ring,~~

~~R^{15a}, at each occurrence, is independently selected~~

~~C₁₋₄-alkyl,~~

~~R^{15b}, at each occurrence, is independently selected from C₁₋₄~~

~~alkyl, C₃₋₆-alkenyl, and C₃₋₆-alkynyl,~~

~~R^{15d}, at each occurrence, is independently selected from C₁₋₄~~

~~alkyl, C₃₋₆-alkenyl, and C₃₋₆-alkynyl,~~

~~R¹⁶ is selected from C₁₋₄-alkyl,~~

l is selected from 1, 2 and 3;

n is 1; ~~selected from 0, 1, 2, and 3,~~

m is selected from 0 and 1;

p, at each occurrence, is independently selected from 0, 1, and 2;

q, at each occurrence, is independently selected from 1, 2, 3, and
4;

r, at each occurrence, is independently selected from 0, 1, 2, 3,
and 4;

t, at each occurrence, is independently selected from 2, 3, and 4;

s is selected from 0 and 1.

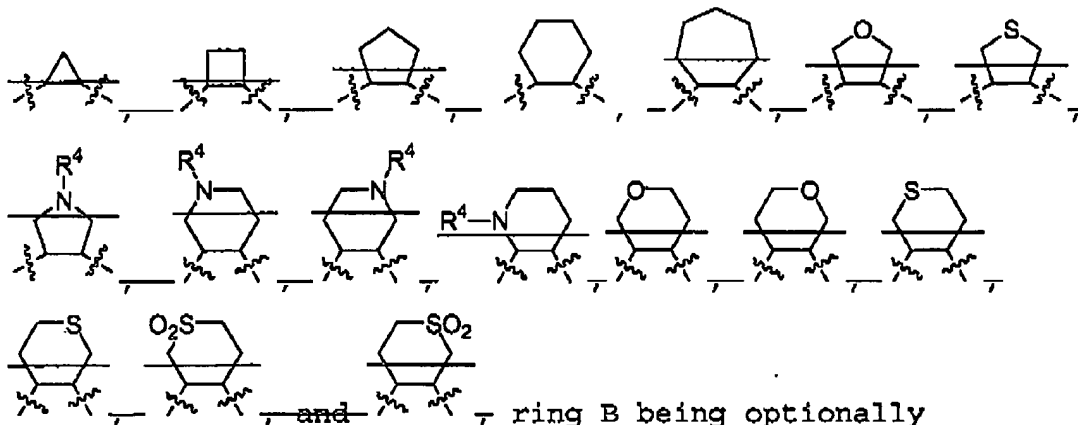
3. (ORIGINAL) The compound of claim 2, wherein

m is 0.

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4. (CURRENTLY AMENDED) The compound of claim 3, wherein:

ring B is ~~selected from~~



substituted with 0-1 R^5 ; and

R^{11} and R^{12} are H.

5. The compounds of claim 4, wherein:

R⁵, at each occurrence, is independently selected from H, C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CRR)_rOH, (CRR)_rSH, (CRR)_rOR^{5d}, (CRR)_rSR^{5d}, (CRR)_rNR^{5a}R^{5a}, (CRR)_rC(O)OH, (CRR)_rC(O)R^{5b}, (CRR)_rC(O)NR^{5a}R^{5a}, (CRR)_rNR^{5a}C(O)R^{5b}, (CRR)_rNR^{5a}C(O)OR^{5d}, (CRR)_rOC(O)NR^{5a}R^{5a}, (CHR)_rNR^{5a}C(O)NR^{5a}R^{5a}, CRR(CRR)_rNR^{5a}C(O)H, (CRR)_rC(O)OR^{5b}, (CRR)_rOC(O)R^{5b}, (CRR)_rS(O)_pR^{5b}, (CRR)_rS(O)₂NR^{5a}R^{5a}, (CRR)_rNR^{5a}S(O)₂R^{5b}, and C₁₋₆ haloalkyl;

R^{5a}, at each occurrence, is independently selected from H, methyl, C₁₋₆ alkyl substituted with 0-2 R^{5e} wherein the alkyl is selected from ethyl, propyl, i-propyl, butyl, i-butyl, pentyl, hexyl, C₃ alkenyl substituted with 0-1 R^{5e}, wherein

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the alkenyl is selected from allyl, C₃ alkynyl substituted with 0-1 R^{5e} wherein the alkynyl is selected from propynyl, and a (CH₂)_r-C₃₋₄ carbocyclic residue substituted with 0-5 R^{5e}, wherein the carbocyclic residue is selected from cyclopropyl, and cyclobutyl;

R^{5b}, at each occurrence, is selected from C₁₋₆ alkyl substituted with 0-2 R^{5e}, wherein the alkyl is selected from methyl, ethyl, propyl, i-propyl, butyl, i-butyl, pentyl, and hexyl, a (CH₂)_r-C₃₋₄ carbocyclic residue substituted with 0-2 R^{5e}, wherein the carbocyclic residue is selected from cyclopropyl, and cyclobutyl; and

R^{5d}, at each occurrence, is selected from methyl, CF₃, C₂₋₆ alkyl substituted with 0-2 R^{5e}, wherein the alkyl is selected from methyl, ethyl, propyl, i-propyl, butyl, i-butyl, pentyl, and hexyl, C₃₋₈ alkenyl, C₃₋₈ alkynyl, and a C₃₋₁₀ carbocyclic residue substituted with 0-3 R^{5e}.

6. (CURRENTLY AMENDED) The compound of claim 5, wherein:

~~R⁴ is selected from H, C₁₋₆ alkyl, C₃₋₈ alkenyl, C₃₋₈ alkynyl, (CRR)_eOH, (CRR)_eSH, (CRR)_eOR^{4d}, (CRR)_eSR^{4d}, (CRR)_eNR^{4a}R^{4a}, (CRR)_eC(O)OH, (CRR)_eC(O)R^{4b}, (CRR)_eC(O)NR^{4a}R^{4a}, (CRR)_eNR^{4a}C(O)R^{4b}, (CRR)_eOC(O)NR^{4a}R^{4a}, (CRR)_eNR^{4a}C(O)OR^{4d}, (CRR)_eNR^{4a}C(O)R^{4b}, (CRR)_eC(O)OR^{4b}, (CRR)_eOC(O)R^{4b}, (CRR)_eS(O)₂R^{4b}, (CRR)_eS(O)₂NR^{4a}R^{4a}, (CRR)_eNR^{4a}S(O)₂R^{4b}~~

R, at each occurrence, is independently selected from H, methyl, ethyl, propyl, allyl, propynyl, (CH₂)_rC₃₋₆ cycloalkyl, and (CH₂)_rphenyl substituted with R^{6e};

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R⁵, at each occurrence, is independently selected from H, methyl, ethyl, propyl, i-propyl, butyl, i-butyl, allyl, propynyl, (CH₂)_rOH, (CH₂)_rOR^{5d}, (CH₂)_rNR^{5a}R^{5a}, (CH₂)_rC(O)OH, (CH₂)_rC(O)R^{5b}, (CH₂)_rC(O)NR^{5a}R^{5a}, (CH₂)_rNR^{5a}C(O)R^{5b}, (CH₂)_rOC(O)NR^{5a}R^{5a}, (CH₂)_rNR^{5a}C(O)OR^{5d}, (CH₂)_rNR^{5a}C(O)R^{5b}, (CH₂)_rC(O)OR^{5b}, (CH₂)_rOC(O)R^{5b}, (CH₂)_rNR^{5a}S(O)₂R^{5b}, and C₁₋₆ haloalkyl;

R^{5a}, at each occurrence, is independently selected from H, methyl, ethyl, propyl, i-propyl, butyl, i-butyl, pentyl, hexyl, cyclopropyl, and cyclobutyl; and

r, at each occurrence, is selected from 0, 1, and 2.

7. (CURRENTLY AMENDED) The compound of claim 6, wherein:

R¹ is selected from phenyl substituted with 0-2 R⁶, naphthyl substituted with 0-2 R⁶, and ~~a 5-10 membered heteroaryl system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R⁶ wherein the heteroaryl is selected from indolyl, benzimidazolyl, benzofuranyl, benzethiofuranyl, benzoxazolyl, benzthiazolyl, benzo[b]thiophene, benztriazolyl, benztetrazolyl, benzisoxazolyl, benzisethiazolyl, benzimidazalenyl, cinnolinyl, furanyl, imidazolyl, indazolyl, indolyl, isoquinolinyl, isothiazolyl, isoxazolyl, oxazolyl, pyrazinyl, pyrazolyl, pyridazinyl, pyridyl, pyrido[2,3-d]pyrimidinyl, pyrimido[5,4-d]pyrimidinyl, thieno[3,2-d]pyrimidinyl, pyridinyl, pyrimidinyl, pyrrolyl, pyrrole[2,1-f][1,2,4]triazine, quinazolinyl, quinolinyl, thiazolyl, thienyl, and tetrazolyl;~~

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R^2 is selected from ~~phenyl substituted with 0-2 R^7~~ , and a 5-10 membered heteroaryl system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-3 R^7 wherein the heteroaryl is selected from indolyl, benzimidazolyl, benzofuranyl, benzothiofuranyl, benzoxazolyl, benzthiazolyl, benzo[b]thiophene, benztriazolyl, benztetrazolyl, benzisoxazolyl, benzisothiazolyl, benzimidazalonyl, cinnolinyl, furanyl, imidazolyl, indazolyl, indolyl, isoquinolinyl isothiazolyl, isoxazolyl, oxazolyl, phthalazinyl, pyrazinyl, pyrazolyl, pyridazinyl, pyridyl, pyrido[2,3-d]pyrimidinyl, thieno[3,2-d]pyrimidinyl, pyridinyl, pyrimidinyl, pyrrolyl, pyrrolo[2,1-f][1,2,4]triazine, quinazolinyl, quinolinyl, thiazolyl, thienyl, and tetrazolyl.

R^4 is selected from ~~H, methyl, ethyl, propyl, i propyl, butyl, t butyl, allyl, propynyl, $(CRR)_e OH$, $(CRR)_e SH$, $(CRR)_e OR^{4d}$, $(CRR)_e SR^{4d}$, $(CRR)_e NR^{4a}R^{4a}$, $(CRR)_e C(O)OH$, $(CRR)_e C(O)R^{4b}$, $(CRR)_e C(O)NR^{4a}R^{4a}$, $(CRR)_e NR^{4a}C(O)R^{4b}$, $(CRR)_e OC(O)NR^{4a}R^{4a}$, $(CRR)_e NR^{4a}C(O)OR^{4d}$, $(CRR)_e NR^{4a}C(O)R^{4b}$, $(CRR)_e C(O)OR^{4b}$, $(CRR)_e OC(O)R^{4b}$, $(CRR)_e S(O)_2R^{4b}$, $(CRR)_e S(O)_2NR^{4a}R^{4a}$, $(CRR)_e NR^{4a}S(O)_2R^{4b}$~~ .

R^{4a} , at each occurrence, is independently selected from ~~H, methyl substituted with 0-1 R^{4e} , C_{2-6} -alkyl substituted with 0-3 R^{4e} wherein C_{2-6} is selected from ethyl, propyl, i propyl, butyl, t butyl, pentyl and hexyl, and a $(CH_2)_2-C_{3-6}$ carbocyclic residue substituted with 0-4 R^{4e} wherein the carbocyclic residue is selected from cyclopropyl, cyclohexyl, and phenyl~~.

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~~R^{4b} is selected from H, methyl, ethyl, propyl, i propyl, butyl, i butyl, t butyl, pentyl, and cyclopropyl,~~

~~R^{4d} is selected from methyl, ethyl, propyl, i propyl, butyl, i butyl, t butyl, pentyl, and cyclopropyl, and~~

~~R⁵ is selected from H, methyl, ethyl, propyl, i propyl, and cyclopropyl.~~

8. (ORIGINAL) The compound of claim 7, wherein:

R⁶, at each occurrence, is selected from C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CR'R')_rC₃₋₆ cycloalkyl, Cl, Br, I, F, NO₂, CN, (CR'R')_rNR^{6a}R^{6a}, (CR'R')_rOH, (CR'R')_rO(CR'R')_rR^{6d}, (CR'R')_rSH, (CR'R')_rC(O)H, (CR'R')_rS(CR'R')_rR^{6d}, (CR'R')_rC(O)OH, (CR'R')_rC(O)(CR'R')_rR^{6b}, (CR'R')_rC(O)NR^{6a}R^{6a}, (CR'R')_rNR^{6f}C(O)(CR'R')_rR^{6b}, (CR'R')_rC(O)O(CR'R')_rR^{6d}, (CR'R')_rNR^{6a}C(O)NR^{6a}R^{6a}, (CR'R')_rNR^{6a}C(S)NR^{6a}R^{6a}, (CR'R')_rOC(O)(CR'R')_rR^{6b}, (CR'R')_rS(O)_p(CR'R')_rR^{6b}, (CR'R')_rS(O)₂NR^{6a}R^{6a}, (CR'R')_rNR^{6f}S(O)₂(CR'R')_rR^{6b}, (CR'R')_rNR^{6f}S(O)₂NR^{6a}R^{6a}, C₁₋₆ haloalkyl, and (CR'R')_rphenyl substituted with 0-3 R^{6e}, and a (CH₂)_{r-5-6} membered heterocyclic system containing 1-2 heteroatoms selected from N, O, and S, substituted with 0-2 R^{6e};

R^{6a}, at each occurrence, is independently selected from H, methyl, ethyl, propyl, i-propyl, butyl, i-butyl, t-butyl, pentyl, hexyl, cyclopropyl and phenyl;

R^{6b}, at each occurrence, is selected from methyl, ethyl, propyl, i-propyl, butyl, i-butyl, t-butyl, pentyl, hexyl, cyclopropyl, and phenyl;

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R^{6d}, at each occurrence, is selected from methyl, CF₃, ethyl, propyl, i-propyl, butyl, i-butyl, t-butyl, pentyl, hexyl, cyclopropyl, and phenyl;

R^{6e}, at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_rC₃₋₆ cycloalkyl, Cl, F, Br, I, CN, NO₂, (CF₂)_rCF₃, (CH₂)_rOC₁₋₅ alkyl, OH, SH, (CH₂)_rSC₁₋₅ alkyl, (CH₂)_rNR^{6f}R^{6f}, and (CH₂)_rphenyl;

R^{6f}, at each occurrence, is selected from H, methyl, ethyl, propyl, i-propyl, butyl, i-butyl, t-butyl, pentyl, hexyl, cyclopropyl, and phenyl;

R⁷ is selected from methyl, ethyl, propyl, i-propyl, butyl, i-butyl, s-butyl, t-butyl, pentyl, hexyl, (CR'R')_rC₃₋₆ cycloalkyl, Cl, Br, I, F, NO₂, CN, (CR'R')_rNR^{7a}R^{7a}, (CR'R')_rOH, (CR'R')_rO(CH)_rR^{7d}, (CR'R')_rSH, (CR'R')_rC(O)H, (CR'R')_rS(CR'R')_rR^{7d}, (CR'R')_rC(O)OH, (CR'R')_rC(O)(CR'R')_rR^{7b}, (CR'R')_rC(O)NR^{7a}R^{7a}, (CR'R')_rNR^{7f}C(O)(CR'R')_rR^{7b}, (CR'R')_rC(O)O(CR'R')_rR^{7d}, (CR'R')_rOC(O)(CR'R')_rR^{7b}, (CR'R')_rNR^{7a}C(O)NR^{7a}R^{7a}, (CR'R')_rNR^{7a}C(O)O(CR'R')_rR^{7d}, (CR'R')_rS(O)_p(CR'R')_rR^{7b}, (CR'R')_rS(O)₂NR^{7a}R^{7a}, (CR'R')_rNR^{7f}S(O)₂(CR'R')_rR^{7b}, C₁₋₆ haloalkyl, and (CR'R')_rphenyl substituted with 0-3 R^{7e};

R^{7a}, at each occurrence, is selected from H, methyl, ethyl, propyl, i-propyl, butyl, i-butyl, t-butyl, pentyl, hexyl,, prop-2-enyl, 2-methyl-2-propenyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, CH₂cyclopropyl, and benzyl;

R^{7b}, at each occurrence, is selected from methyl, ethyl, propyl, i-propyl, butyl, i-butyl, t-butyl, pentyl, hexyl,

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cyclopropyl, cyclopentyl, CH₂-cyclopentyl, cyclohexyl, CH₂-cyclohexyl, CF₃, pyrrolidinyl, morpholinyl, piperizenyl substituted with 0-1 R^{7e}, and azetidiny;

R^{7d}, at each occurrence, is selected from methyl, CF₃, CF₂CF₃, CHF₂, CH₂F, ethyl, propyl, i-propyl, butyl, i-butyl, t-butyl, pentyl, hexyl, and cyclopropyl;

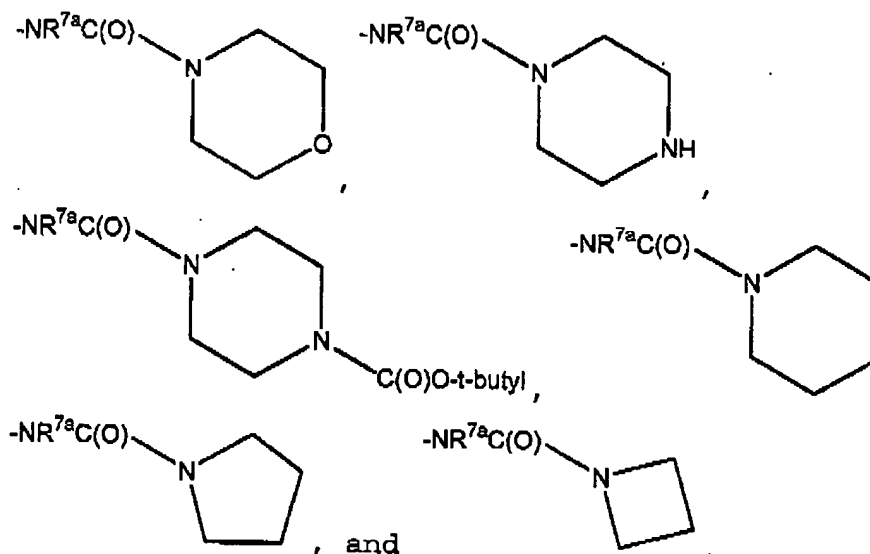
R^{7e}, at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_rC₃₋₆ cycloalkyl, Cl, F, Br, I, CN, NO₂, (CF₂)_rCF₃, (CH₂)_rOC₁₋₅ alkyl, OH, SH, C(O)OC₁₋₅ alkyl, (CH₂)_rSC₁₋₅ alkyl, (CH₂)_rNR^{7f}R^{7f}, and (CH₂)_rphenyl;

R^{7f}, at each occurrence, is selected from H, methyl, ethyl, propyl, i-propyl, butyl, i-butyl, t-butyl, pentyl, hexyl, cyclopropyl, and phenyl; and

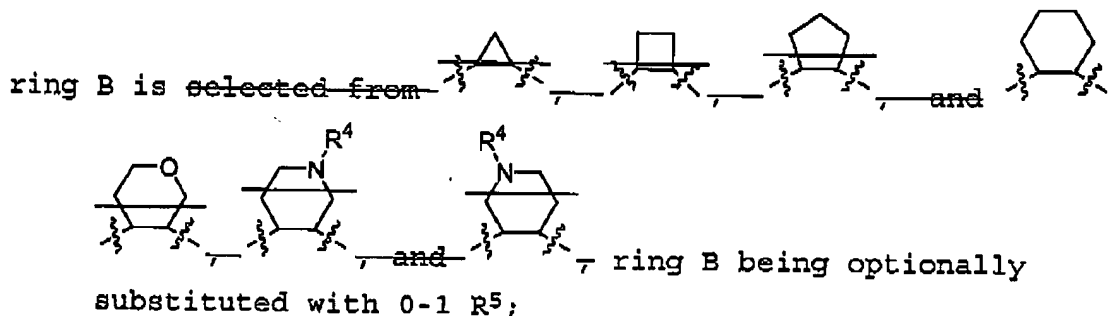
r is 0 or 1.

9. (ORIGINAL) The compound of claim 8, wherein:

R⁷ is selected from methyl, ethyl, propyl, i-propyl, butyl, i-butyl, s-butyl, pentyl, hexyl, Cl, Br, I, F, CN, NO₂, NR^{7a}R^{7a}, NHC(O)NHR^{7a}, NR^{7a}C(O)R^{7b}, NR^{7a}C(O)OR^{7d}, CF₃, CF₂CF₃, CHF₂, CH₂F, OCF₃, C(O)R^{7b}, C(O)OR^{7d}, NR^{7f}C(O)NR^{7a}R^{7a}, NHS(O)₂R^{7b},

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10. (CURRENTLY AMENDED) The compound of claim 9, wherein:



~~Z is selected from a bond, $NR^8C(O)-$, $C(O)NH-$, and $NHC(O)NH-$,~~

R^1 is selected from a C₆₋₁₀ aryl group substituted with 0-3 R^6 wherein the aryl group is selected from phenyl and naphthyl, and a 5-10 membered heteroaryl system containing 1-4 heteroatoms selected from N and O, substituted with 0-3 R^6 wherein the heteroaryl system is selected from indolyl, pyridinyl, pyrimidinyl, pyrido[2,3-d]pyrimidinyl, thieno[3,2-d]pyrimidinyl, imidazolyl, and pyrrolyl R^2 is phenyl substituted with 0-2 R^7 ;

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~~R⁴ is selected from H, methyl, ethyl, propyl, i-propyl, butyl, i-butyl, t-butyl, pentyl, hexyl, and (CH₂)_r C(O)R^{4b};~~

R⁵ is selected from methyl, ethyl, propyl, i-propyl, butyl, F, Cl, Br, I, NO₂, CN, O(CH₂)_rR^{6d}, C(O)H, C(O)R^{6d}, C(O)OH, SR^{6d}, NR^{6a}R^{6a}, NC(O)R^{6b}, OC(O)R^{6b}, S(O)_pR^{6b}, (CHR')_rS(O)₂NR^{6a}R^{6a}, and CF₃;

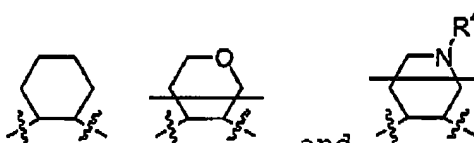
R^{6a} is H, methyl, or ethyl;

R^{6b} is H, methyl, ethyl, propyl, i-propyl or butyl;

R^{6d} is methyl, phenyl, CF₃, and (CH₂)-phenyl; and

r is 0 or 1.

11. (CURRENTLY AMENDED) The compound of claim 10, wherein:

ring B is , and ring B being substituted with 0-1 R⁵;

R¹ is selected from a C₆₋₁₀ aryl group substituted with 0-3 R⁶ wherein the aryl group is selected from phenyl, ~~and a 5-10 membered heteroaryl system containing 1-4 heteroatoms selected from N and O, substituted with 0-3 R⁶ wherein the heteroaryl system is selected from indolyl and pyridinyl;~~

R⁴ is selected from H, methyl, ethyl, propyl, i-propyl, butyl, i-butyl, t-butyl, pentyl, hexyl, allyl and (CH₂)_r C(O)R^{4b};

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R⁵ is selected from H, OH, OCH₃, and NR^{5a}R^{5a};

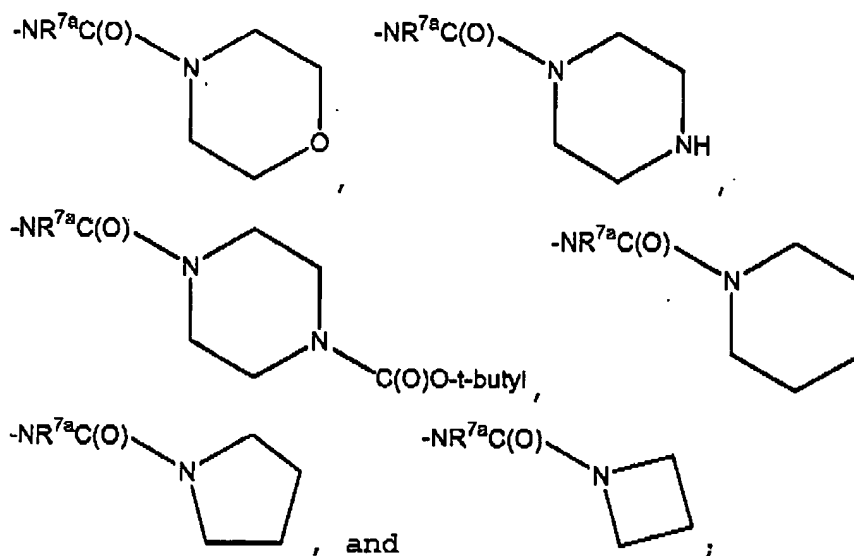
R^{5a} is selected from H, methyl, ethyl, propyl, i-propyl, butyl, s-butyl, i-butyl, t-butyl, pentyl, hexyl, allyl, propargyl, cyclopropyl, cyclopropylmethyl, acetyl, methysulfonyl, -C(O)CF₃, C(=N)NH₂, benzyl, and -C(O)O-t-butyl;

R⁶ is selected from methyl, ethyl, propyl, i-propyl, butyl, vinyl, F, Cl, Br, I, CN, NR^{6a}R^{6a}, C(O)H, C(O)OH, C(O)R^{6b}, SR^{6d}, S(O)_pR^{6d}, S(O)₂NR^{6a}R^{6a}, CF₃, and CH₂OH;

R^{6b} is H, methyl, ethyl, propyl, i-propyl or butyl;

R^{6d} is methyl;

R⁷ is selected from methyl, ethyl, propyl, i-propyl, butyl, i-butyl, s-butyl, pentyl, hexyl, Cl, Br, I, F, CN, NO₂, NR^{7a}R^{7a}, NHC(O)NHR^{7a}, NR^{7a}C(O)R^{7b}, NR^{7a}C(O)OR^{7d}, CF₃, CF₂CF₃, CHF₂, CH₂F, OCF₃, OCF₂CF₃, OCHF₂, and OCH₂F, C(O)OR^{7d}, C(O)R^{7b}, NR^{7f}C(O)NR^{7a}R^{7a}, NHS(O)₂R^{7b},

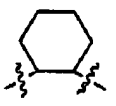
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R^{7a} is selected from H, methyl, ethyl, propyl, i-propyl, butyl, i-butyl, t-butyl, pentyl, neo-pentyl, cyclopropyl, cyclobutyl, cyclopentyl, and cyclohexyl;

R^{7b} is selected from cyclohexyl and CF_3 ; and

R^{7d} is selected from methyl, ethyl, propyl, i-propyl, butyl, i-butyl, and t-butyl.

12. (ORIGINAL) The compound of claim 11, wherein:

ring B is selected from , ring B being substituted with 0-1 R^5 ;

R^1 is selected from a C_{6-10} aryl group substituted with 0-3 R^6 wherein the aryl group is phenyl;

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R⁶ is selected from methyl, ethyl, propyl, i-propyl, F, Cl, Br, CN, SCH₃, and CF₃;


R⁷ is selected from methyl, ethyl, propyl, i-propyl, butyl, i-butyl, s-butyl, t-butyl, pentyl, hexyl, phenyl, adamantyl, benzyl, Cl, Br, I, F, CN, NO₂, NR^{7a}R^{7a}, OR^{7d}, NHC(O)NHR^{7a}, NR^{7a}C(O)R^{7b}, NR^{7a}C(O)OR^{7d}, CF₃, CF₂CF₃, CHF₂, CH₂F, OCF₃, OCF₂CF₃, OCHF₂, and OCH₂F, C(O)OR^{7d}, C(O)R^{7b}, and NR^{7f}C(O)NR^{7a}R^{7a};

R^{7a} is selected from H, methyl, ethyl, propyl, i-propyl, butyl, i-butyl, t-butyl, pentyl, neo-pentyl, cyclopropyl, cyclobutyl, cyclopentyl, and cyclohexyl.

13. (ORIGINAL) The compound of claim 12, wherein

E is selected from -CH₂-NH-, -C(O)-NH- and -SO₂-CH₂-.

14. (ORIGINAL) The compound of claim 1, wherein

B is , ring B being substituted with 0-1 R⁵; and

R⁵ is selected from H, N(→O)R^{5a}R^{5a}, N₃, NR^{5a}C(O)R^{5b}, NR^{5a}C(O)H, NR^{5a}C(O)OR^{5d}, NR^{5a}C(O)NR^{5a}R^{5a}, and NR^{5a}R^{5a}, and a (CH₂)_{r-5-6} membered heterocyclic system containing 1-2 heteroatoms selected from N, O, and S, substituted with 0-2 R^{5e}, wherein the heterocyclic system is selected from pyrrolidinyl, piperidinyl, pyrrolidin-2-one, and isothiazolidine 1,1-dioxide.

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15. (CANCELED)

16. (ORIGINAL) The compound of claim 12, wherein

R^6 is selected from methyl, ethyl, propyl, i-propyl, butyl, vinyl, F, Cl, Br, I, C(O)H, C(O) R^{6b} , SR^{6d} , S(O) R^{6d} , CF_3 , and CH_2OH ;

R^{6b} is H, methyl, ethyl, propyl, i-propyl or butyl;

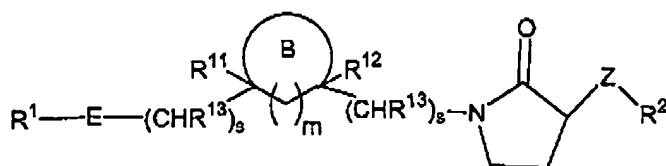
R^{6d} is methyl;

R^7 is selected from Cl, Br, $NR^{7a}R^{7a}$, $NR^{7a}C(O)OR^{7d}$, $NHC(O)NHR^{7a}$, OCF_3 , and CF_3 ;

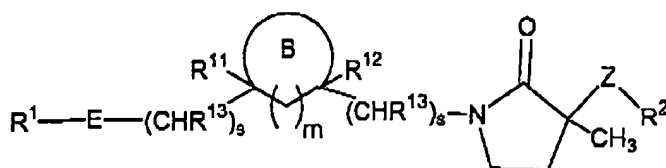
R^{7a} is selected from H, methyl, ethyl, propyl, i-propyl, butyl, i-butyl, t-butyl, pentyl, neo-pentyl, cyclopropyl, cyclobutyl, cyclopentyl, and cyclohexyl;

R^{7d} is selected from methyl, ethyl, propyl, i-propyl, butyl, i-butyl, and t-butyl.

17. (ORIGINAL) The compound of claim 1, wherein the compound is of formula (Ia) or (Ic)



or



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(Ic).

18. (CURRENTLY AMENDED) The compound of claim 1, wherein the compound is of formula (I) is selected:

~~2-((3S)-1-[(1,2-cis)-2-(4-Methylsulfonyl-benzoylamino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl)-carbonyl-4-trifluoromethyl-phenyl)-carbamate tert-butyl ester,~~

~~2-((3S)-1-[(1,2-cis)-2-(4-Methylsulfonyl-benzoylamino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl)-4-trifluoromethyl-phenyl)-amine,~~

~~N-((3S)-1-[(1S,2R,4R)-2-(4-Methylsulfonyl-benzoylamino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl)-3-trifluoromethyl-benzamide,~~

~~N-((3S)-1-[(1S,2R,4S)-2-(4-Methylsulfonyl-benzoylamino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl)-3-trifluoromethyl-benzamide,~~

~~N-((3S)-1-[(1S,2R,4R)-2-(4-Methylsulfonyl-benzoylamino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl)-3-trifluoromethyl-benzamide,~~

~~N-((3S)-1-[(1S,2R,4S)-2-(4-Methylsulfonyl-benzoylamino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl)-3-trifluoromethyl-benzamide,~~

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~~N-((3S)-1-[(1S,2R,4R)-2-benzenesulfonylmethyl-4-(isopropyl-ethyl-amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl)-3-trifluoromethyl-benzamide;~~

~~N-((3S)-1-[(1S,2R,4S)-2-benzenesulfonylmethyl-4-(isopropyl-ethyl-amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl)-3-trifluoromethyl-benzamide;~~

~~N-((3S)-1-[(1S,2R,4R)-2-benzenesulfonylmethyl-4-(isopropyl-cyclopropylmethyl-amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl)-3-trifluoromethyl-benzamide;~~

~~(+)-N-((3S*)-1-[(1S*,2R*,4R*)-4-azido-2-(4-methylsulfonyl-benzenesulfonylmethyl)-cyclohexyl]-3-methyl-2-oxo-pyrrolidin-3-yl)-3-trifluoromethyl-benzamide;~~

~~(+)-N-((3S*)-1-[(1S*,2R*,4R*)-4-amino-2-(4-methylsulfonyl-benzenesulfonylmethyl)-cyclohexyl]-3-methyl-2-oxo-pyrrolidin-3-yl)-3-trifluoromethyl-benzamide;~~

~~(+)-N-((3S*)-1-[(1S*,2R*,4R*)-4-isopropylamino-2-(4-methylsulfonyl-benzenesulfonylmethyl)-cyclohexyl]-3-methyl-2-oxo-pyrrolidin-3-yl)-3-trifluoromethyl-benzamide;~~

~~(+)-N-((3S*)-1-[(1S*,2R*,4R*)-4-(isopropyl-methyl-amino)-2-(4-methylsulfonyl-benzenesulfonylmethyl)-cyclohexyl]-3-methyl-2-oxo-pyrrolidin-3-yl)-3-trifluoromethyl-benzamide;~~

~~(+)-N-((3S*)-1-[(1S*,2R*,4R*)-4-(isopropyl-prop-2-ynyl-amino)-2-(4-methylsulfonyl-benzenesulfonylmethyl)-cyclohexyl]-3-methyl-2-oxo-pyrrolidin-3-yl)-3-trifluoromethyl-benzamide;~~

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~~(±) N-[(3S)-1-[(1S*,2R*,4R*)-4-(Cyclopropylmethyl isopropyl-
amino)-2-(4-methylsulfanyl-benzenesulfonylmethyl)-
cyclohexyl]-3-methyl-2-oxo-pyrrolidin-3-yl]-3-
trifluoromethyl-benzamide;~~

~~N-[(3S)-1-[4-(Isopropyl-methyl-amino)-2-(4-methylsulfanyl-
benzenesulfonylmethyl)-cyclohexyl]-2-oxo-pyrrolidin-3-yl]-N-
methyl-3-trifluoromethyl-benzamide;~~

~~N-[(3S)-1-[(1S,2R,4R)-4-(Isopropyl-methyl-amino)-2-(4-
methylsulfanyl-benzenesulfonylmethyl)-cyclohexyl]-2-oxo-
pyrrolidin-3-yl]-3-trifluoromethyl-benzamide;~~

~~1-[(3S)-1-[(1S,2R,4R)-4-(Isopropyl-methyl-amino)-2-(4-
methylsulfanyl-benzenesulfonylmethyl)-cyclohexyl]-2-oxo-
pyrrolidin-3-yl]-3-(3-trifluoromethyl-phenyl)-urea;~~

~~N-[(3S)-1-[(1S,2R,4R)-4-(Isopropyl-methyl-amino)-2-(4-
methylsulfanyl-benzenesulfonylmethyl)-cyclohexyl]-2-oxo-
pyrrolidin-3-yl]-3-trifluoromethyl-benzenesulfenamide;~~

~~N-[(3S)-1-[(1S,2R,4R)-4-(Isopropyl-methyl-amino)-2-(4-
methylsulfanyl-benzenesulfonylmethyl)-cyclohexyl]-2-oxo-
pyrrolidin-3-yl]-benzamide;~~

~~[(3S)-1-[(1S,2R,4R)-2-Benzenesulfonylmethyl-4-(isopropyl-methyl-
amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl]-3-(3-
trifluoromethyl-phenyl)-urea;~~

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~~N-[(3S)-1-[(1S,2R,4R)-2-Benzenesulfonylmethyl-4-isopropylamino-cyclohexyl]-2-oxo-pyrrolidin-3-yl]-3-trifluoromethyl-benzamide,~~

~~N-[(3S)-1-[(1S,2R,4R)-4-(Allyl-isopropyl-amino)-2-benzenesulfonylmethyl-cyclohexyl]-2-oxo-pyrrolidin-3-yl]-3-trifluoromethyl-benzamide,~~

~~1-[(1S,2R)-2-Benzenesulfonylmethyl-4-isopropylamino-cyclohexyl]-2-oxo-pyrrolidine-3-carboxylic acid (3-trifluoromethyl-phenyl)-amide,~~

~~1-[(1S,2R)-2-Benzenesulfonylmethyl-4-isopropylamino-cyclohexyl]-2-oxo-pyrrolidine-3-carboxylic acid (3-trifluoromethyl-phenyl)-amide,~~

~~(2-[(3S)-1-[(1S,2R)-2-(4-Methylsulfonyl-benzylamino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl-carbamoyl]-4-trifluoromethyl-phenyl)-carbamic acid tert-butyl ester,~~

~~N-[(3S)-1-[(1S,2R,4R)-2-Benzenesulfonylmethyl-4(R)-(isopropyl-propyl-amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl]-3-trifluoromethyl-benzamide,~~

~~(1)-1-[(1S*,2R*,4R*)-4-Isopropylamino-2-(4-methylsulfonyl-benzenesulfonylmethyl)-cyclohexyl]-4-(3-trifluoromethyl-phenyl)-5,6-dihydro-1H-pyridin-2-one,~~

~~(1)-1-[(1S*,2R*,4R*)-4-Isopropylamino-2-(4-benzenesulfonylmethyl)-cyclohexyl]-4-(3-trifluoromethyl-phenyl)-5,6-dihydro-1H-pyridin-2-one,~~

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~~(1) 1 - [(1S*, 2R*, 4R*) 4 Isopropylmethylamino 2 (4 methylsulfanyl-
benzenesulfonylmethyl) cyclohexyl] 4 (3 trifluoromethyl-
phenyl) 5,6 dihydro 1H pyridin 2 one,~~

~~(1) 1 - [(1S*, 2R*, 4R*) 4 Amino 2 (4 methylsulfanyl-
benzenesulfonylmethyl) cyclohexyl] 4 (3-
trifluoromethoxyphenyl) 5,6 dihydro 1H pyridin 2 one,~~

~~(1) 1 - [(1S*, 2R*, 4R*) 4 Isopropylamino 2 (4 methylsulfanyl-
benzenesulfonylmethyl) cyclohexyl] 4 (3-
trifluoromethoxyphenyl) 5,6 dihydro 1H pyridin 2 one,~~

~~(1) 1 - [(1S*, 2R*, 4R*) 4 Isopropylamino 2 (4 benzenesulfonylmethyl)-
cyclohexyl] 4 (3 trifluoromethyl phenyl) piperidin 2 one,~~

~~(S) 3 (3 (trifluoromethyl)benzylamino) 1 ((1S, 2R, 4R) 4-
(isopropyl(methyl)amino) 2 ((4-
(methylthio)phenylsulfonylmethyl)cyclohexyl)pyrrolidin 2-
one,~~

~~3(R) (3 (trifluoromethyl)phenethyl) 1 ((1S, 2R, 4R/S) 4-
(isopropylamino) 2-
(phenylsulfonylmethyl)cyclohexyl)pyrrolidin 2 one
trifluoroacetate~~

~~2(S) (3 (Trifluoromethyl)phenethyl) 1 ((1S, 2R, 4R/S) 4-
(isopropylamino) 2-
(phenylsulfonylmethyl)cyclohexyl)pyrrolidin 2 one
trifluoroacetate~~

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~~N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)-2-oxazepan-3-yl)-3-(trifluoromethyl)benzamide,~~

~~N-((S)-1-((1S,2R,4R)-4-(dimethylamino)-2-(phenylsulfonylmethyl)cyclohexyl)-2-oxopiperidin-3-yl)-3-(trifluoromethyl)benzamide,~~

~~(R*)-1-((1S*,2R*,4R*)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)-3-((2-(3-(trifluoromethyl)phenyl)-1,3-dioxolan-2-yl)methyl)pyrrolidin-2-one,~~

~~(S*)-1-((1S*,2R*,4R*)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)-3-((2-(3-(trifluoromethyl)phenyl)-1,3-dioxolan-2-yl)methyl)pyrrolidin-2-one,~~

~~(S*)-3-(2-oxo-2-(3-(trifluoromethyl)phenyl)ethyl)-1-((1S*,2R*,4R*)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-2-one,~~

~~(R*)-3-(2-oxo-2-(3-(trifluoromethyl)phenyl)ethyl)-1-((1S*,2R*,4R*)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-2-one,~~

~~(R*)-3-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)ethyl)-1-((1S*,2R*,4R*)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-2-one,~~

~~(S*)-3-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)ethyl)-1-((1S*,2R*,4R*)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-2-one,~~

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~~((S*)) 1 ((1S*,2R*,4R*)) 4 (isopropyl(methyl)amino) 2-~~
~~(phenylsulfonylmethyl)cyclohexyl) 3 (-2 (methoxyimino) 2 (3-~~
~~(trifluoromethyl)phenyl)ethyl)pyrrolidin 2-one;~~

~~((R*)) 1 ((1S*,2R*,4R*)) 4 (isopropyl(methyl)amino) 2-~~
~~(phenylsulfonylmethyl)cyclohexyl) 3 (-2 (methoxyimino) 2 (3-~~
~~(trifluoromethyl)phenyl)ethyl)pyrrolidin 2-one;~~

~~1 ((1S*,2R*,4R*)) 4 (amino) 2 (phenylsulfonylmethyl)cyclohexyl) 3-~~
~~(7 (trifluoromethyl) 1H-benzo[d]imidazol 2-yl)pyrrolidin 2-~~
~~one;~~

~~1 ((1S*,2R*,4R*)) 4 (isopropylamino) 2-~~
~~(phenylsulfonylmethyl)cyclohexyl) 3 (7 (trifluoromethyl) 1H-~~
~~benzo[d]imidazol 2-yl)pyrrolidin 2-one;~~

~~1 ((1S*,2R*,4R*)) 4 (isopropyl(methyl)amino) 2-~~
~~(phenylsulfonylmethyl)cyclohexyl) 3 (7 (trifluoromethyl) 1H-~~
~~benzo[d]imidazol 2-yl)pyrrolidin 2-one;~~

~~1 ((1S*,2R*,4R*)) 4 (isopropyl(ethyl)amino) 2-~~
~~(phenylsulfonylmethyl)cyclohexyl) 3 (7 (trifluoromethyl) 1H-~~
~~benzo[d]imidazol 2-yl)pyrrolidin 2-one;~~

~~1 ((1S*,2R*,4R*)) 4 (Diethylamino) 2-~~
~~(phenylsulfonylmethyl)cyclohexyl) 3 (7 (trifluoromethyl) 1H-~~
~~benzo[d]imidazol 2-yl)pyrrolidin 2-one;~~

~~1 ((1S,2R,4R)) 4 (Isopropyl(methyl)amino) 2-~~
~~(phenylsulfonylmethyl)cyclohexyl) 3 (naphthalen 1-~~
~~ylamino)pyrrolidin 2-one;~~

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3-(Benzo[b]thiophen-3-ylamino)-1-((1S,2R,4R)-4-(
(isopropyl(methyl)amino)-2-(
(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-2-one;

(S)-3-(6-chloroquinazolin-4-ylamino)-1-((1S,2R,4R)-4-(
(isopropyl(methyl)amino)-2-(
(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-2-one;

(S)-3-(6,8-dichloroquinazolin-4-ylamino)-1-((1S,2R,4R)-4-(
(isopropyl(methyl)amino)-2-(
(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-2-one;

~~3,5-Dichloro-N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-(
(phenylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3-yl)-3-
yl)benzamide;~~

~~N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-(
(phenylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3-yl)-3-
(trifluoromethoxy)benzamide;~~

3-((E)-3(R*)-(trifluoromethyl)styryl)-1-((1S*,2R*,4R*)-4-(
(isopropyl(methyl)amino)-2-(
(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-2-one;

~~1-((1S*,2R*,4R*)-4-(isopropyl(methyl)amino)-2-(
(phenylsulfonylmethyl)cyclohexyl)-3(R*)-((E/Z)-2-(3-(
(trifluoromethyl)phenyl)prop-1-enyl)pyrrolidin-2-one;~~

~~N-(1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-(
(phenylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3(R)-
yl)benzamide;~~

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~~N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-~~
~~(phenylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3-yl)-3,5-~~
~~bis(trifluoromethyl)benzamide;~~

~~2-Amino-N-(1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-~~
~~(phenylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3(R)-yl)-5-~~
~~(trifluoromethoxy)benzamide;~~

(R)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-
(phenylsulfonylmethyl)cyclohexyl)-3-(6-
(trifluoromethyl)quinolin-4-ylamino)pyrrolidin-2-one;

(S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-
(phenylsulfonylmethyl)cyclohexyl)-3-(6-
(trifluoromethyl)quinolin-4-ylamino)pyrrolidin-2-one;

(R)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-
(phenylsulfonylmethyl)cyclohexyl)-3-(7-
(trifluoromethyl)quinolin-4-ylamino)pyrrolidin-2-one;

(S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-
(phenylsulfonylmethyl)cyclohexyl)-3-(7-
(trifluoromethyl)quinolin-4-ylamino)pyrrolidin-2-one;

~~3-(2-(Phenyl)phenylamino)-1-((1S,2R,4R)-4-~~
~~(isopropyl(methyl)amino)-2-~~
~~(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-2-one;~~

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~~3-(3,5-Bis(trifluoromethyl)phenylamino)-1-((1S,2R,4R)-4-~~
~~(isopropyl(methyl)amino)-2-~~
~~(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-2-one,~~

~~1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-~~
~~(phenylsulfonylmethyl)cyclohexyl)-3-(2-~~
~~(trifluoromethyl)phenylamino)pyrrolidin-2-one,~~

~~1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-~~
~~(phenylsulfonylmethyl)cyclohexyl)-3-(2-~~
~~methoxyphenylamino)pyrrolidin-2-one,~~

~~1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-~~
~~(phenylsulfonylmethyl)cyclohexyl)-3-(3-~~
~~(trifluoromethyl)phenylamino)pyrrolidin-2-one,~~

~~1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-~~
~~(phenylsulfonylmethyl)cyclohexyl)-3-(4-~~
~~(trifluoromethyl)phenylamino)pyrrolidin-2-one,~~

~~3-Chloro-N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-~~
~~(phenylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3-~~
~~yl)benzamide,~~

~~3-Fluoro-N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-~~
~~(phenylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3-yl)-5-~~
~~(trifluoromethyl)benzamide,~~

~~tert Butyl-(1R,3R,4S)-4-((S)-2-oxo-3-(3-~~
~~(trifluoromethyl)benzamido)pyrrolidin-1-yl)-3-~~
~~(phenylsulfonylmethyl)cyclohexylcarbamate,~~

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~~N ((S) 2 Oxo 1 ((1S,2R,4R) 4 (phenylamino) 2-
(phenylsulfonylmethyl)cyclohexyl)pyrrolidin 3-yl) 3-
(trifluoromethyl)benzamide,~~

~~N (2 Oxo 1 ((1S,2R,4R) 2 (phenylsulfonylmethyl) 4 (pyridin 4-
ylamino)cyclohexyl)pyrrolidin 3-yl) 3-
(trifluoromethyl)benzamide,~~

~~N (2 Oxo 1 ((1S,2R,4R) 2 (phenylsulfonylmethyl) 4 (thiazol-2-
ylamino)cyclohexyl)pyrrolidin 3-yl) 3-
(trifluoromethyl)benzamide,~~

~~Methyl (1R,3R,4S) 4 ((S) 2 oxo 3 (3-
(trifluoromethyl)benzamide)pyrrolidin 1-yl) 3-
(phenylsulfonylmethyl)cyclohexylcarbamate,~~

~~N ((S) 1 ((1S,2R,4R) 4 Formamido 2-
(phenylsulfonylmethyl)cyclohexyl) 2-oxopyrrolidin 3-yl) 3-
(trifluoromethyl)benzamide,~~

~~1 ((1R,3R,4S) 4 ((S) 2 Oxo 3 (3-
(trifluoromethyl)benzamide)pyrrolidin 1-yl) 3-
(phenylsulfonylmethyl)cyclohexyl)urea,~~

~~1 Methyl 3 ((1R,3R,4S) 4 ((S) 2 oxo 3 (3-
(trifluoromethyl)benzamide)pyrrolidin 1-yl) 3-
(phenylsulfonylmethyl)cyclohexyl)urea,~~

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~~N ((S) 2-Oxo 1 ((1S,2R,4R) 4 (2-oxopyrrolidin-1-yl) 2-
(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-3-yl) 3-
(trifluoromethyl)benzamide,~~

~~N ((S) 1 ((1S,2R,4R) 4 (1,1-dioxo-isothiazolidin-2-yl) 2-
(phenylsulfonylmethyl)cyclohexyl) 2-oxopyrrolidin-3-yl) 3-
(trifluoromethyl)benzamide,~~

~~N ((S) 1 ((1S,2R,4R) 2 ((4-chlorophenylsulfonyl)methyl) 4-
(isopropyl(methyl)amino)cyclohexyl) 2-oxopyrrolidin-3-yl) 3-
fluoro-5-(trifluoromethyl)benzamide,~~

~~3-Chloro-N ((S) 1 ((1S,2R,4R) 2 ((4-chlorophenylsulfonyl)methyl)-
4-(isopropyl(methyl)amino)cyclohexyl) 2-oxopyrrolidin-3-
yl)benzamide,~~

~~N ((S) 1 ((1S,2R,4R) 2 ((4-chlorophenylsulfonyl)methyl) 4-
(isopropyl(methyl)amino)cyclohexyl) 2-oxopyrrolidin-3-yl)-
3,5-bis(trifluoromethyl)benzamide,~~

~~tert-Butyl 2 (((S) 1 ((1S,2R,4R) 2 ((4-
chlorophenylsulfonyl)methyl) 4-
(isopropyl(methyl)amino)cyclohexyl) 2-oxopyrrolidin-3-
yl)carbamoyl) 4-(trifluoromethoxy)phenylcarbamate,~~

~~2-Amino-N ((S) 1 ((1S,2R,4R) 2 ((4-chlorophenylsulfonyl)methyl) 4-
(isopropyl(methyl)amino)cyclohexyl) 2-oxopyrrolidin-3-yl) 5-
(trifluoromethoxy)benzamide,~~

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~~N-((S)-1-((1S,2R,4R)-2-((4-Chlorophenylsulfonyl)methyl)-4-
(isopropyl(methyl)amino)cyclohexyl)-2-oxopyrrolidin-3-yl)-3-
(trifluoromethoxy)benzamide,~~

~~N-((S)-1-((1S,2R,4R)-2-((4-Chlorophenylsulfonyl)methyl)-4-
(isopropyl(methyl)amino)cyclohexyl)-2-oxopyrrolidin-3-yl)-2-
(trifluoromethyl)benzamide,~~

~~3,5-Dichloro-N-((S)-1-((1S,2R,4R)-2-((4-
chlorophenylsulfonyl)methyl)-4-
(isopropyl(methyl)amino)cyclohexyl)-2-oxopyrrolidin-3-
yl)benzamide,~~

~~3-Chloro-N-((S)-1-((1S,2R,4R)-2-((4-chlorophenylsulfonyl)methyl)-
4-(isopropyl(methyl)amino)cyclohexyl)-2-oxopyrrolidin-3-
yl)benzamide N-Oxide,~~

~~N-((S)-1-((1S,2R,4R)-2-((4-Chlorophenylsulfonyl)methyl)-4-
(isopropyl(methyl)amino)cyclohexyl)-2-oxopyrrolidin-3-yl)-3-
(trifluoromethyl)benzamide N-Oxide,~~

~~N-((S)-1-((1S,2R,4R)-2-((4-Chlorophenylsulfonyl)methyl)-4-
(isopropyl(methyl)amino)cyclohexyl)-2-oxopyrrolidin-3-yl)-3-
fluoro-5-(trifluoromethyl)benzamide N-Oxide,~~

~~N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-
(phenylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3-yl)-3-
(trifluoromethyl)benzamide N-Oxide,~~

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~~N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-((4-isopropylphenylsulfonyl)methyl)cyclohexyl)-2-oxopyrrolidin-3-yl)-3-(trifluoromethyl)benzamide,~~

~~N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-(4-tolylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3-yl)-3-(trifluoromethyl)benzamide,~~

~~N-((S)-1-((1S,2R,4R)-2-((4-Fluorophenylsulfonyl)methyl)-4-(isopropyl(methyl)amino)cyclohexyl)-2-oxopyrrolidin-3-yl)-3-(trifluoromethyl)benzamide,~~

~~3-Chloro-N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-(tosylmethyl)cyclohexyl)-2-oxopyrrolidin-3-yl)benzamide,~~

~~2-Amino-N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-(tosylmethyl)cyclohexyl)-2-oxopyrrolidin-3-yl)-5-(trifluoromethoxy)benzamidamide,~~

~~1-[(1S, 2R, 4R)-4-Amino-2-benzenesulfonylmethylcyclohexyl]-4-(3-trifluoromethylphenyl)-5,6-dihydro-1H-pyridin-2-one,~~

~~1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-isopropylamino-cyclohexyl]-4-(3-trifluoromethylphenyl)-5,6-dihydro-1H-pyridin-2-one,~~

~~1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)cyclohexyl]-4-(3-trifluoromethyl-phenyl)-5,6-dihydro-1H-pyridin-2-one,~~

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~~1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-ethyl-
amino)cyclohexyl]-4-(3-trifluoromethyl-phenyl)-5,6-dihydro-
1H-pyridin-2-one;~~

1-[(1S, 2R, 4R)-2-Benzenesulfonylmethyl-4-(isopropyl-methyl-
amino)-cyclohexyl]-(3S)-3-(6-chloro-2-trifluoromethyl-
quinazolin-4-ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-
amino)-cyclohexyl]-(3S)-3-(7-chloro-quinazolin-4-ylamino)-
pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-
amino)-cyclohexyl]-(3S)-3-(2,6-dichloro-quinazolin-4-
ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-
amino)-cyclohexyl]-(3S)-3-(6-chloro-2-dimethylamino-
quinazolin-4-ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-
amino)-cyclohexyl]-(3S)-3-(6-chloro-2-hydroxy-quinazolin-4-
ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-
amino)-cyclohexyl]-(3S)-3-(6-trifluoromethyl-quinazolin-4-
ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-
amino)-cyclohexyl]-(3S)-3-(6-tert-butyl-thieno[3,2-
d]pyrimidin-4-ylamino)-pyrrolidin-2-one;

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1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6-tert-butyl-2-trifluoromethyl-thieno[3,2-d]pyrimidin-4-ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6-tert-butyl-pyrrolo[2,1-f][1,2,4]triazin-4-ylamino)-pyrrolidin-2-one;

(3S)-3-(6-Adamantan-1-yl-pyrrolo[2,1-f][1,2,4]triazin-4-ylamino)-1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-pyrrolidin-2-one;

~~3-Methyl-2-phenyl-3H-imidazole-4-carboxylic acid {(3S)-1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl}-amide;~~

~~1-Methyl-2-phenyl-1H-imidazole-4-carboxylic acid {(3S)-1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl}-amide;~~

~~3-Benzyl-2-phenyl-3H-imidazole-4-carboxylic acid {(3S)-1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl}-amide;~~

~~1-Benzyl-2-phenyl-1H-imidazole-4-carboxylic acid {(3S)-1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl}-amide;~~

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~~2-Phenyl-3H-imidazole-4-carboxylic acid [(3S)-1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl]-amide;~~

~~Preparation of 1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6,7-dimethoxy-quinazolin-4-ylamino)-pyrrolidin-2-one;~~

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6-fluoro-quinazolin-4-ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6-methyl-quinazolin-4-ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6-phenyl-thieno[2,3-d]pyrimidin-4-ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6-chloro-2-propyl-pyrido[2,3-d]pyrimidin-4-ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6-chloro-2-isopropyl-quinazolin-4-ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(2-tert-butyl-6-chloro-quinazolin-4-ylamino)-pyrrolidin-2-one;

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1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6-chloro-2-methyl-quinazolin-4-ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6-chloro-2-ethyl-quinazolin-4-ylamino)-pyrrolidin-2-one;

~~N-{(3S)-1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-2,5-dioxo-pyrrolidin-3-yl}-3-trifluoromethyl-benzamide;~~

~~N-{(3S)-1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl}-4-adamantan-1-yl-1H-pyrrole-2-carboxamide;~~

~~N-{(3S)-1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl}-4-adamantan-1-yl-1-methyl-1H-pyrrole-2-carboxamide;~~

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6-tert-butyl-pyrimido[5,4-d]pyrimidin-4-ylamino)-pyrrolidin-2-one;

~~5-Bromo-2-tert-butyl-pyrimidine-4-carboxylic acid {(3S)-1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl} amide;~~

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~~2-tert Butyl pyrimidine 4 carboxylic acid {(3S*)-1-[(1S*, 2R*, 4R*)-2-benzenesulfonylmethyl-4-(isopropyl methyl amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl}-amide,~~

~~2-tert Butyl 5-phenyl pyrimidine 4 carboxylic acid {(3S)-1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl methyl amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl}-amide,~~

~~N-{(3S)-1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl methyl amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl}-3-tert-butyl benzamide,~~

~~N-{(3S)-1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl methyl amino)-cyclohexyl]-2-oxo-pyrrolidin-3-yl}-3-bromo-5-tert-butyl benzamide,~~

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(pyrido[2,3-d]pyrimidin-4-ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6-chloro-pyrido[2,3-d]pyrimidin-4-ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6-chloro-2-trifluoromethyl-pyrido[2,3-d]pyrimidin-4-ylamino)-pyrrolidin-2-one;

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1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6-trifluoromethoxy-pyrido[2,3-d]pyrimidin-4-ylamino)-pyrrolidin-2-one;

1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-(3S)-3-(6-chloro-2-methylamino-quinazolin-4-ylamino)-pyrrolidin-2-one;

(3S)-3-(6-Fluoro-quinazolin-4-ylamino)-1-[(1S, 2R, 4R)-4-(isopropyl-methyl-amino)-2-(toluene-4-sulfonylmethyl)-cyclohexyl]-pyrrolidin-2-one;

~~N-[1-[(1S, 2R, 4R)-2-benzenesulfonylmethyl-4-(isopropyl-methyl-amino)-cyclohexyl]-2-exo-pyrrolidin-(3S)-3-yl]-2-chloro-5-trifluoromethyl-benzamide;~~

(S)-3-(6-Bromoquinazolin-4-ylamino)-1-((1S, 2R, 4R)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-2-one;

(S)-3-(6,7-Difluoroquinazolin-4-ylamino)-1-((1S, 2R, 4R)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-2-one;

(S)-3-(6-Methoxyquinazolin-4-ylamino)-1-((1S, 2R, 4R)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-2-one;

((S)-1-((1S, 2R, 4R)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)-3-(quinazolin-4-ylamino)pyrrolidin-2-one;

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~~3-Phenyl N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3-yl)benzamide,~~

(S)-3-(6-Iodoquinazolin-4-ylamino)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)pyrrolidin-2-one.

~~3-Tert butyl 4-hydroxy N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3-yl)benzamide,~~

~~3-Amino-5-tert butyl N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3-yl)thiophene-2-carboxamide,~~

~~N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3-yl)-2-methyl-5-phenylfuran-3-carboxamide,~~

~~N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3-yl)-5-nitrofuran-2-carboxamide; and~~

~~N-((S)-1-((1S,2R,4R)-4-(isopropyl(methyl)amino)-2-(phenylsulfonylmethyl)cyclohexyl)-2-oxopyrrolidin-3-yl)-4-phenylthiophene-2-carboxamide.~~

19. (ORIGINAL) A pharmaceutical composition, comprising a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of claim 1.

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20. (CANCELED) A method for modulation of chemokine receptor activity comprising administering to a patient in need thereof a therapeutically effective amount of a compound of claim 1.

21. (CANCELED) A method for modulation of MCP-1, MCP-2, MCP-3 and MCP-4, and MCP-5 activity that is mediated by the CCR2 receptor comprising administering to a patient in need thereof a therapeutically effective amount of a compound of claim 1.

22. (CANCELED) A method for modulation of MCP-1 activity comprising administering to a patient in need thereof a therapeutically effective amount of a compound of claim 1.

23. (WITHDRAWN) A method for treating disorders, comprising administering to a patient in need thereof a therapeutically effective amount of a compound of claim 1, said disorders being selected from osteoarthritis, aneurism, fever, cardiovascular effects, Crohn's disease, congestive heart failure, autoimmune diseases, HIV-infection, HIV-associated dementia, psoriasis, idiopathic pulmonary fibrosis, transplant arteriosclerosis, physically- or chemically-induced brain trauma, inflammatory bowel disease, alveolitis, colitis, systemic lupus erythematosus, nephrotoxic serum nephritis, glomerular nephritis, asthma, multiple sclerosis, arteriosclerosis, rheumatoid arthritis, retinosis, organ transplantation, and cancer.

24. (WITHDRAWN) The method for treating disorders, of claim 23, wherein said disorders being selected from psoriasis, idiopathic pulmonary fibrosis, transplant arteriosclerosis, physically- or chemically-induced brain trauma, inflammatory bowel disease, alveolitis, colitis, systemic lupus erythematosus, nephrotoxic serum nephritis,

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glomerularnephritis, asthma, multiple sclerosis, arteriosclerosis, rheumatoid arthritis restinosis, organ transplantation, and cancer.

25. (WITHDRAWN) The method for treating disorders, of claim 24, wherein said disorders being selected from alveolitis, colitis, systemic lupus erythematosus, nephrotoxic serum nephritis, glomerularnephritis, asthma, multiple sclerosis, arteriosclerosis, rheumatoid arthritis restinosis, organ transplantation, and cancer.

26. (WITHDRAWN) The method for treating disorders, of claim 25, wherein said disorders being selected from asthma, multiple sclerosis, arteriosclerosis, and rheumatoid arthritis.

27. (CANCELED) A method for treating inflammatory diseases, comprising administering to a patient in need thereof a therapeutically effective amount of a compound of claim 1.

28. (CANCELED) A method for modulation of CCR2 activity comprising administering to a patient in need thereof a therapeutically effective amount of a compound of claim 1.

29. (WITHDRAWN) The method for treating disorders, of claim 25, wherein said disorders being selected from restinosis, organ transplantation, and cancer.

30. - 36. (CANCELED)

37. (NEW) A pharmaceutical composition, comprising a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of claim 7.

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38. (NEW) A method for treating disorders, comprising administering to a patient in need thereof a therapeutically effective amount of a compound of claim 7, said disorders being selected from asthma, multiple sclerosis, arteriosclerosis, and rheumatoid arthritis.